

FIG. 1

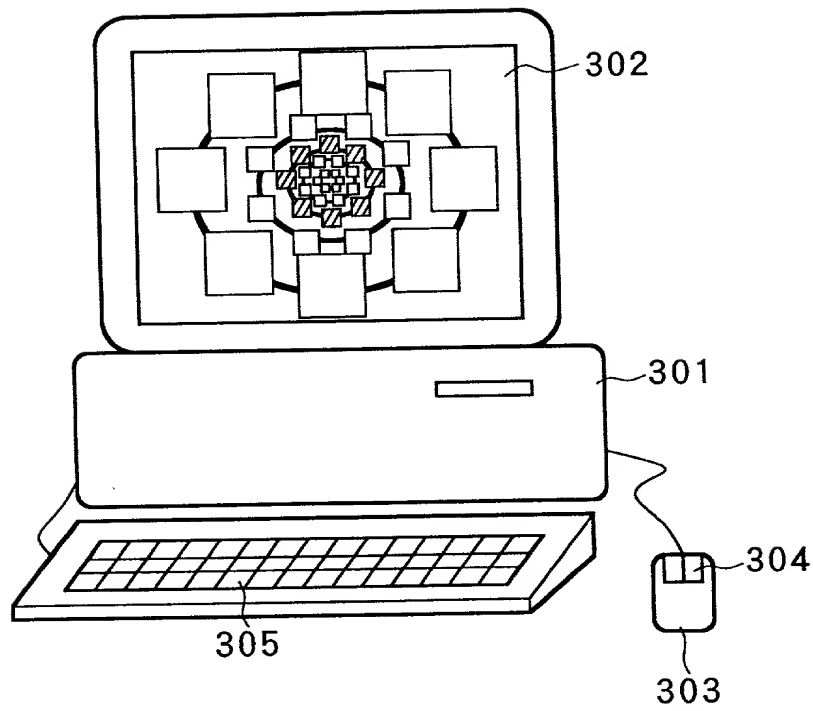


FIG. 2

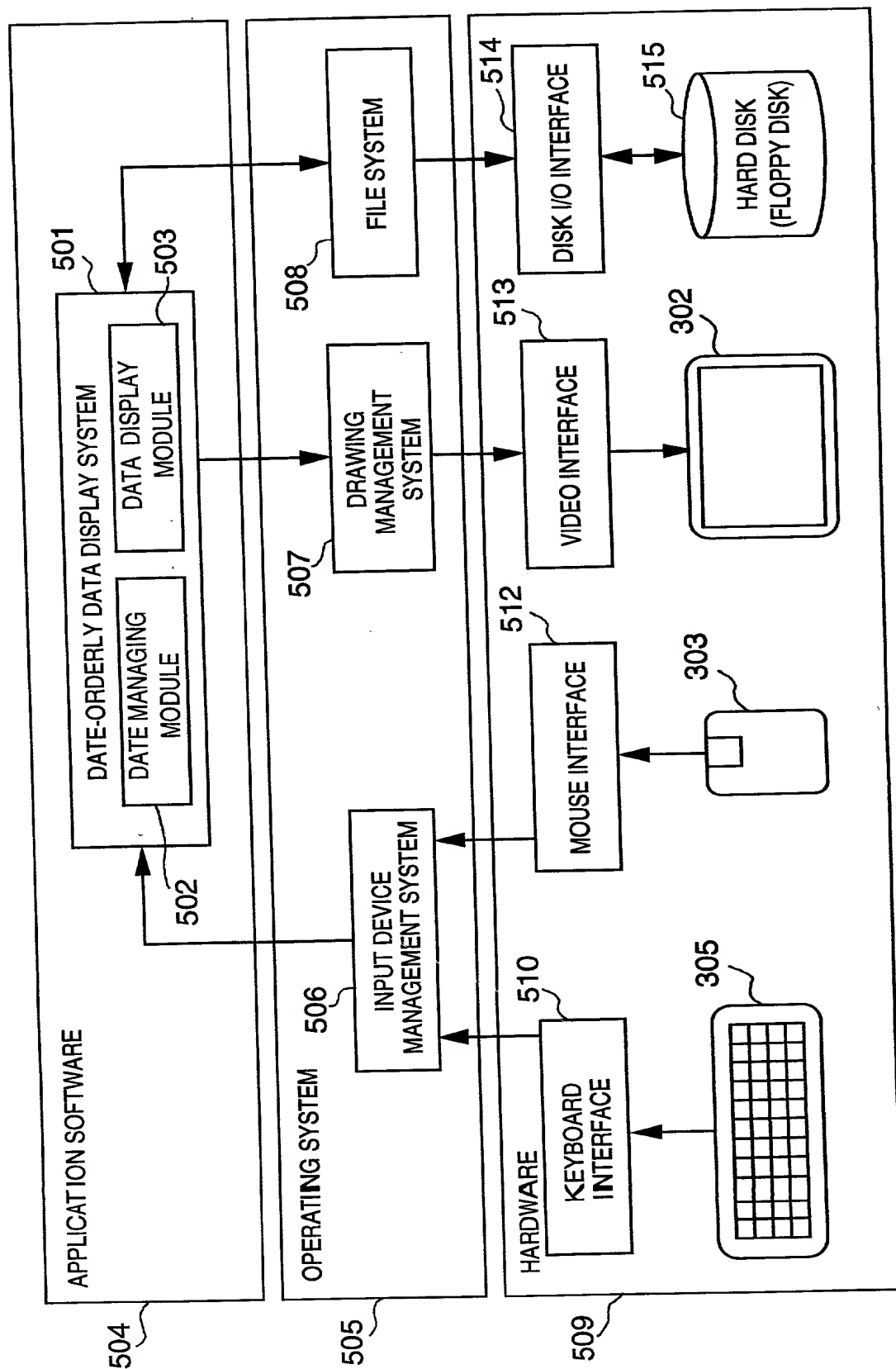


FIG. 3

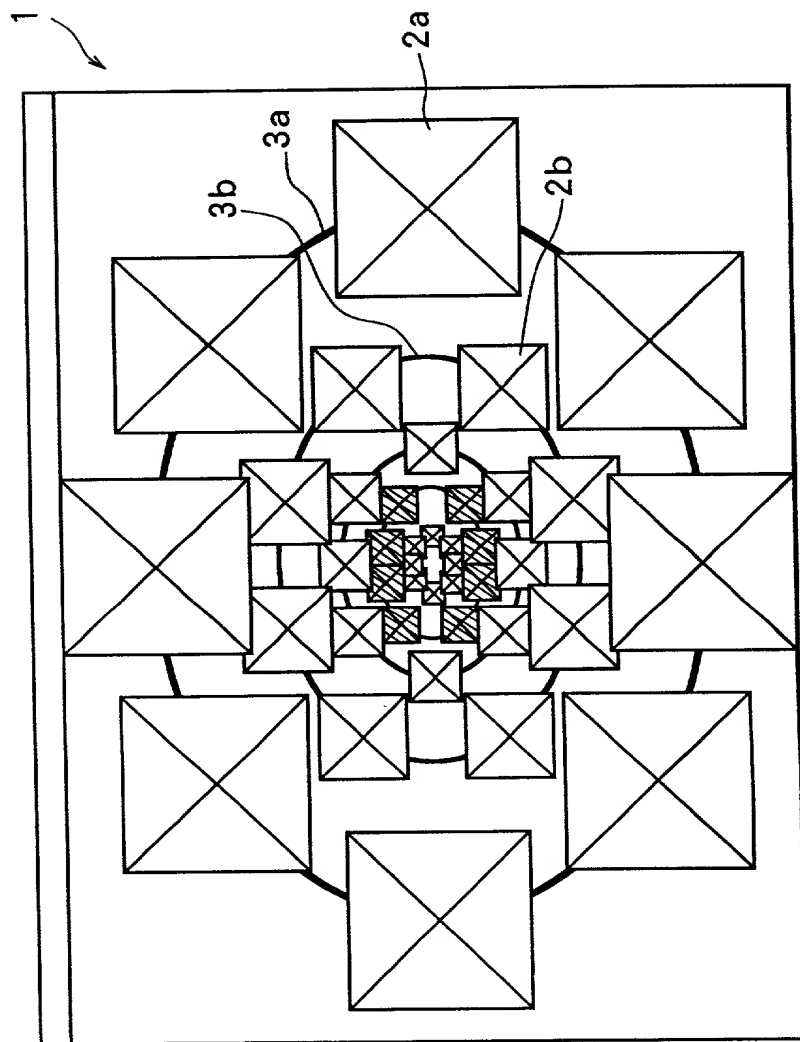


FIG. 4

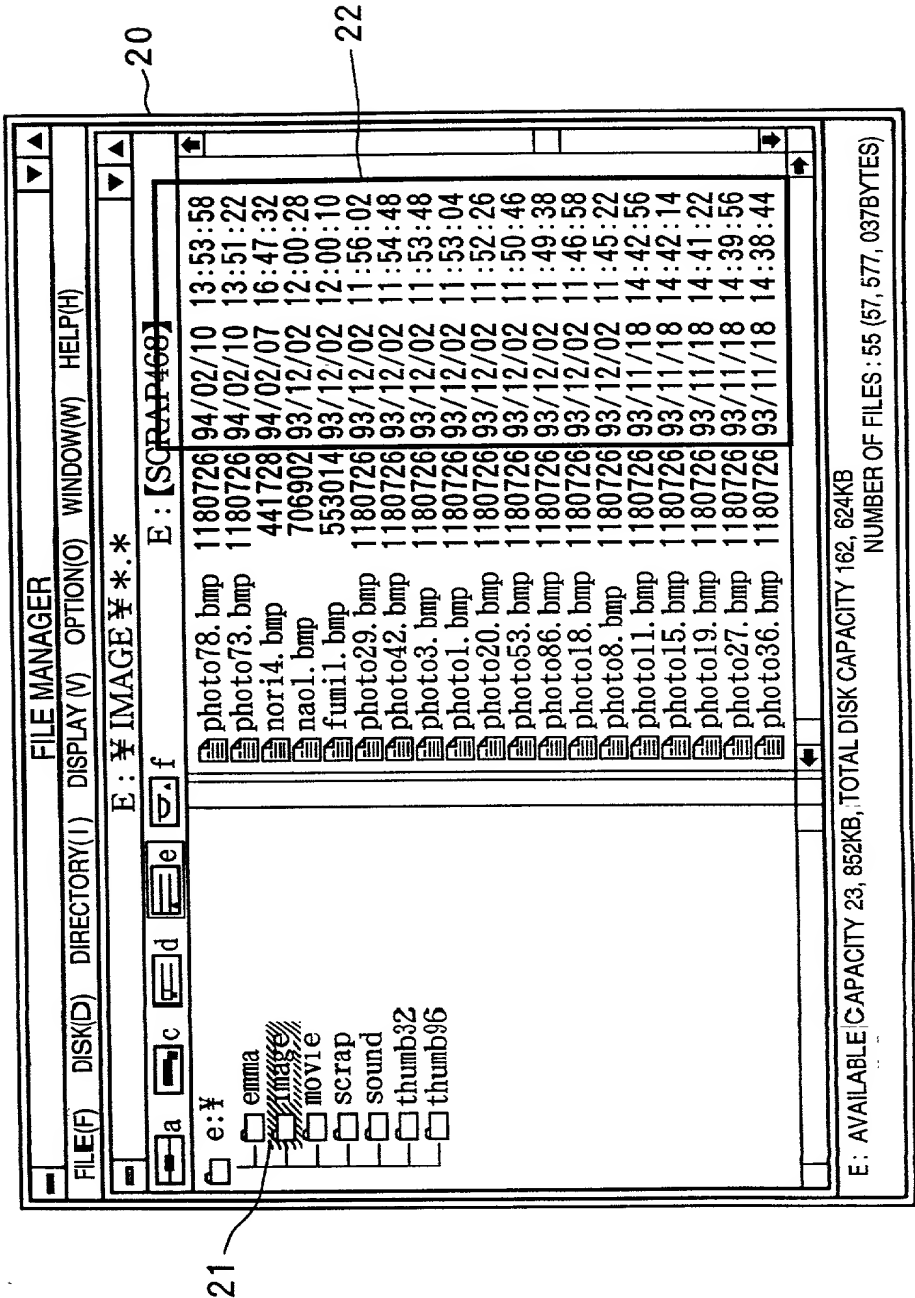


FIG. 5

PERSONNEL MANAGEMENT DATA BASE

NAME TARO YAMADA

SECTION GENERAL AFFAIRS

DATE OF BIRTH JAN. 1, 1950

30

31

PERSONNEL MANAGEMENT DATA BASE	
NAME	TARO YAMADA
SECTION	GENERAL AFFAIRS
DATE OF BIRTH	JAN. 1, 1950

FIG. 6

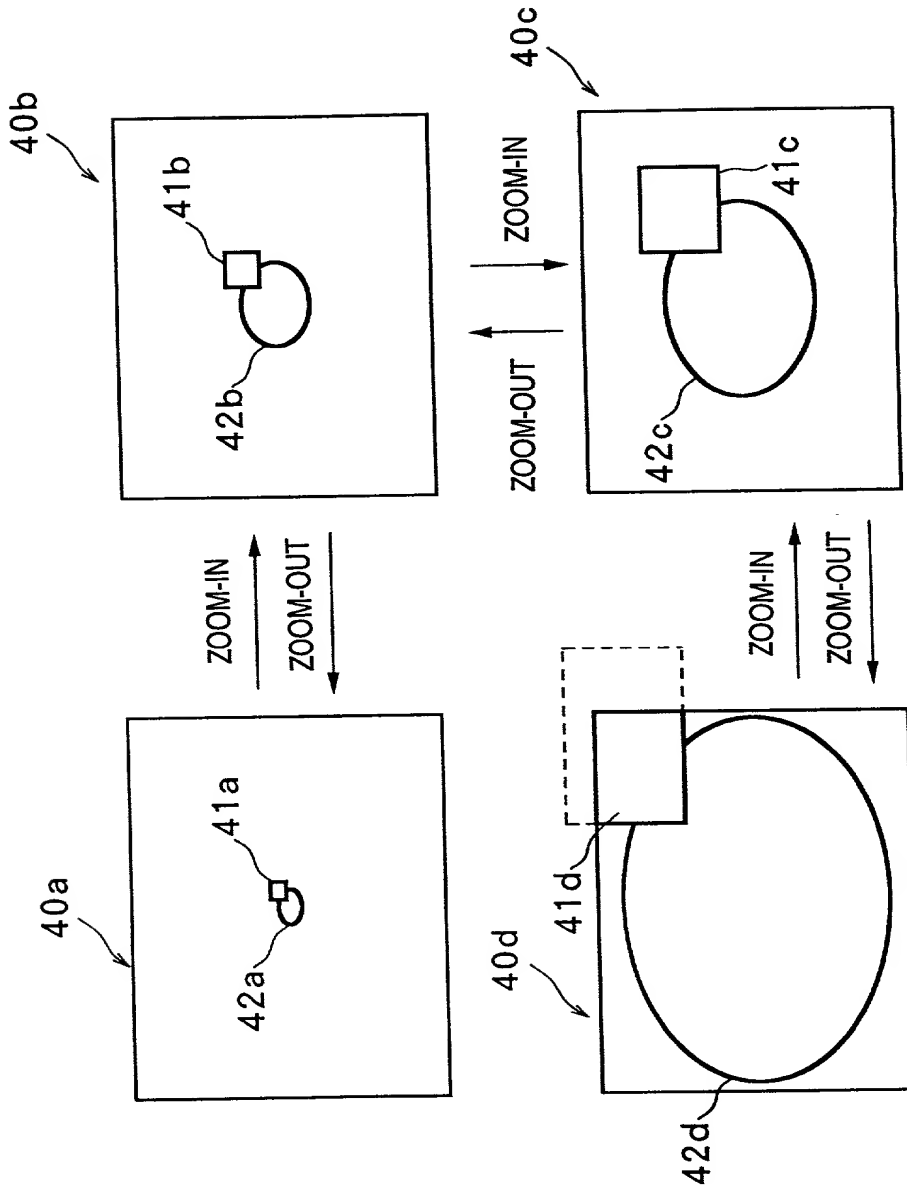


FIG. 7

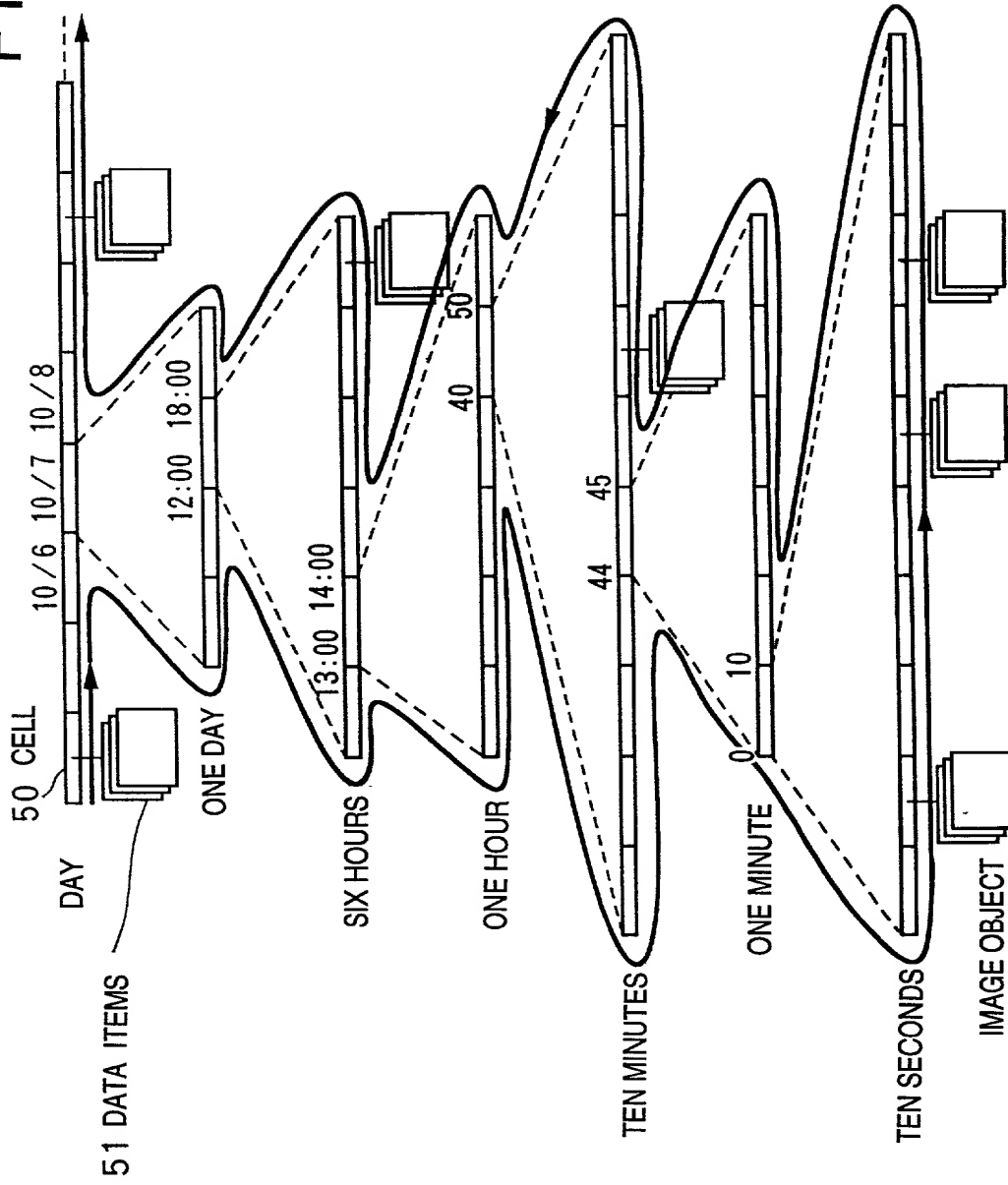


FIG. 8

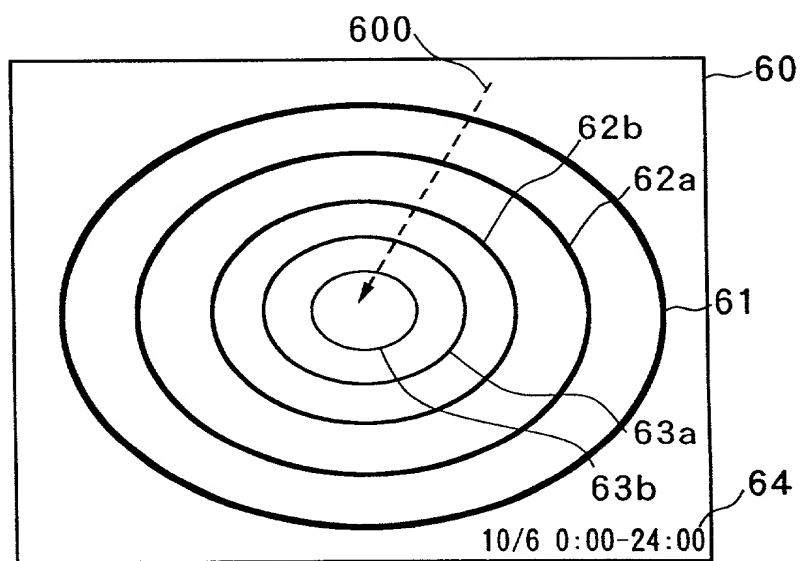
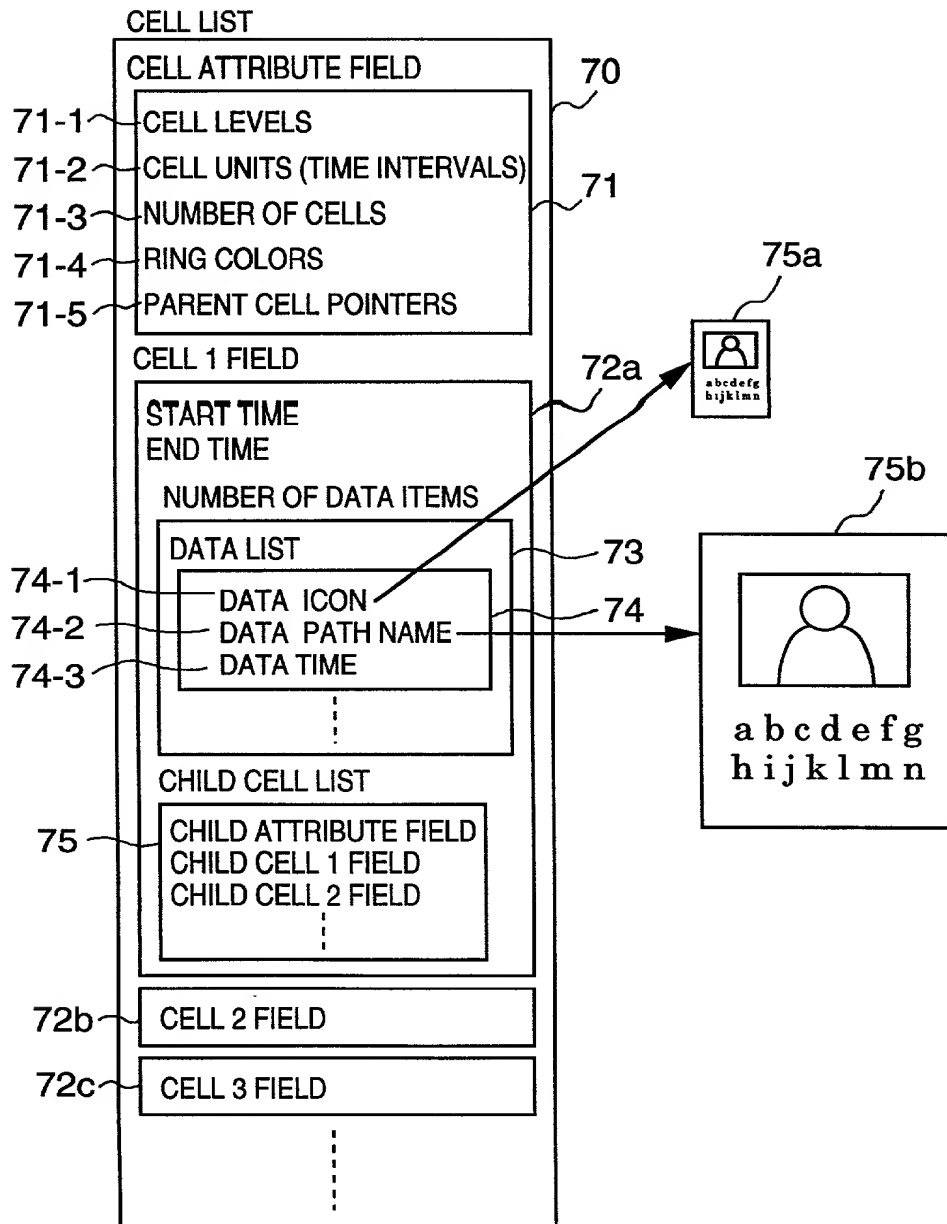




FIG. 9



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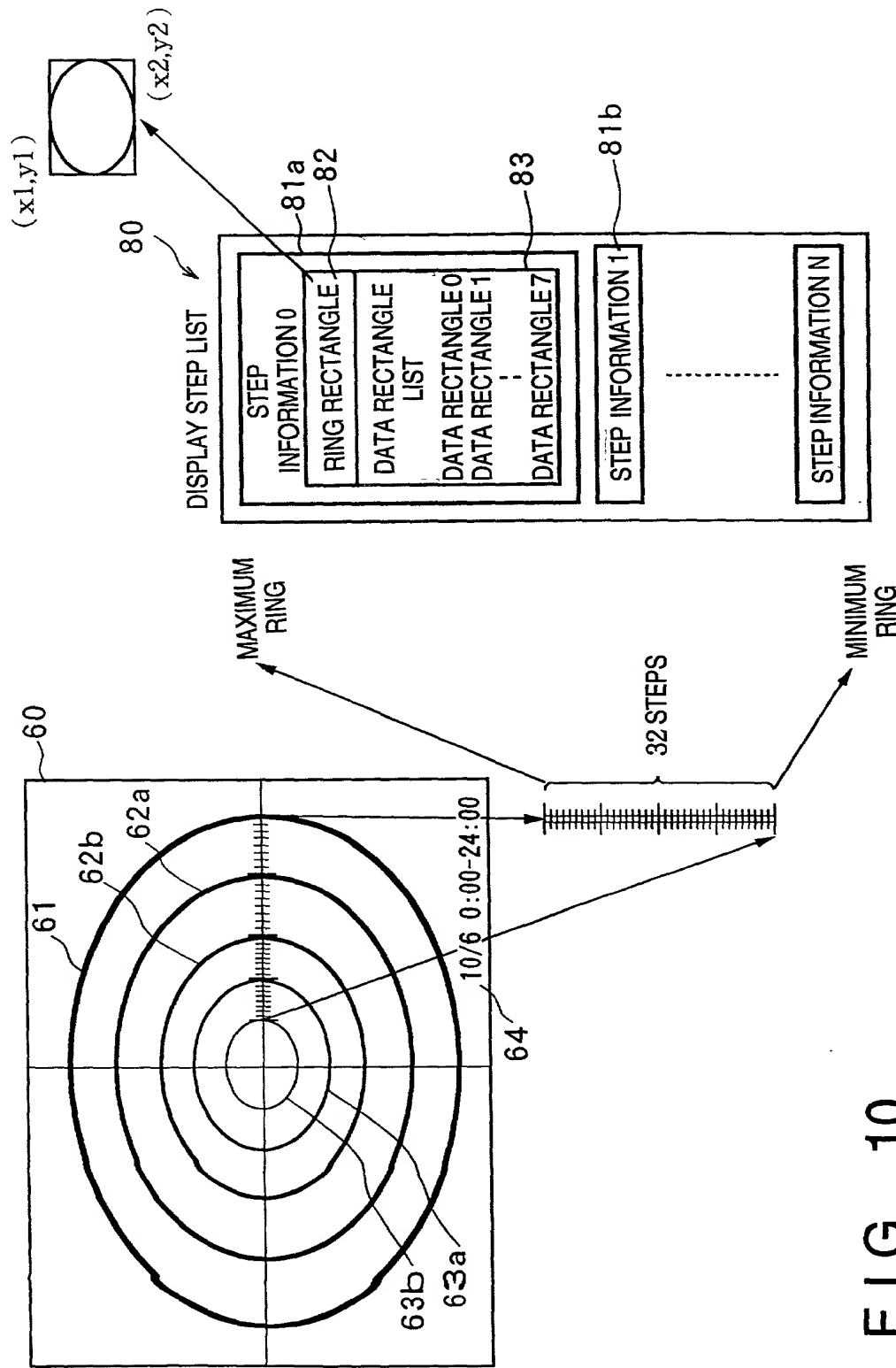


FIG. 10

ALGORITHM FOR RETRIEVING CELL  
CORRESPONDING TO OUTMOST RING

FIG. 11

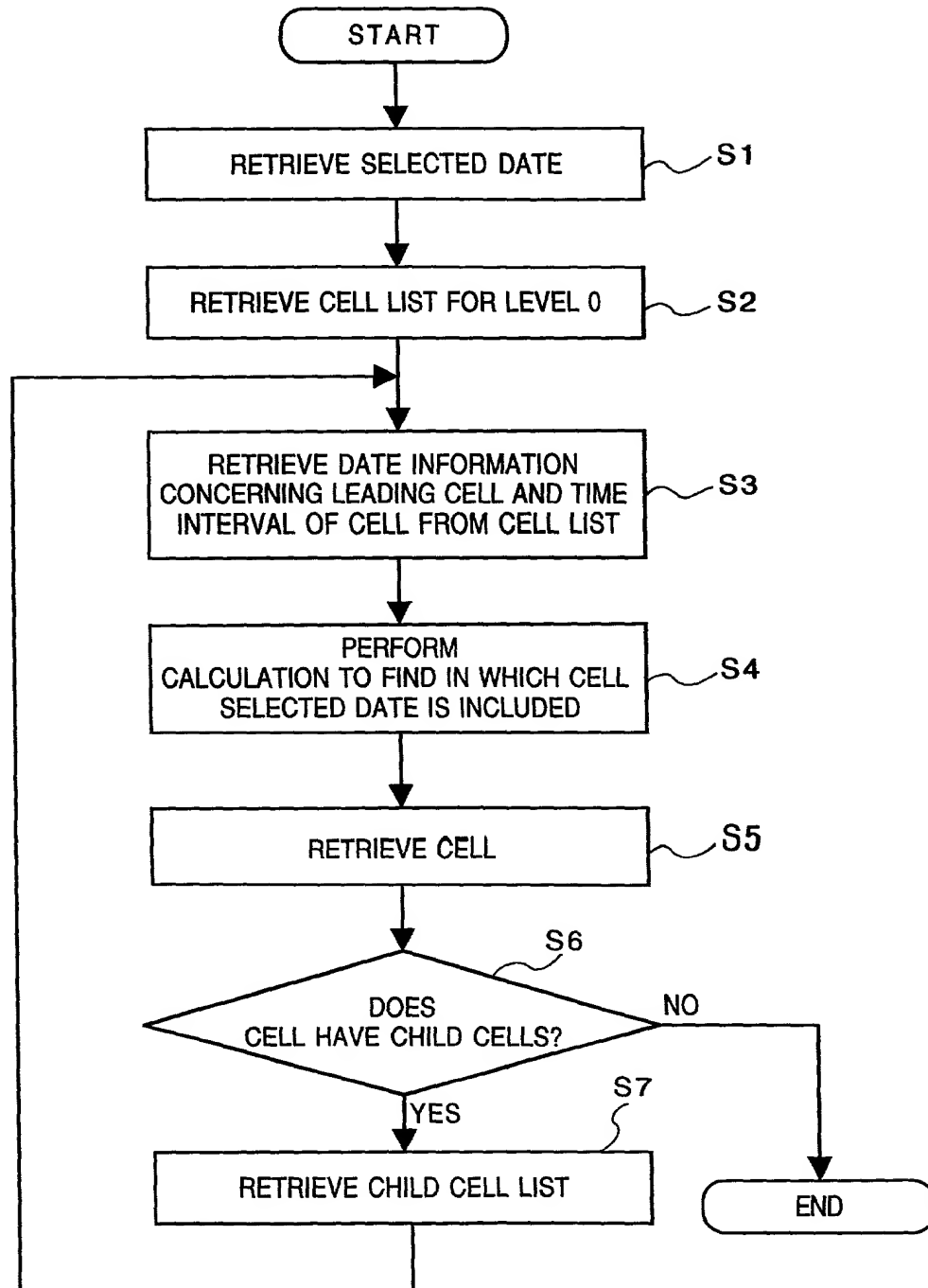


FIG. 12

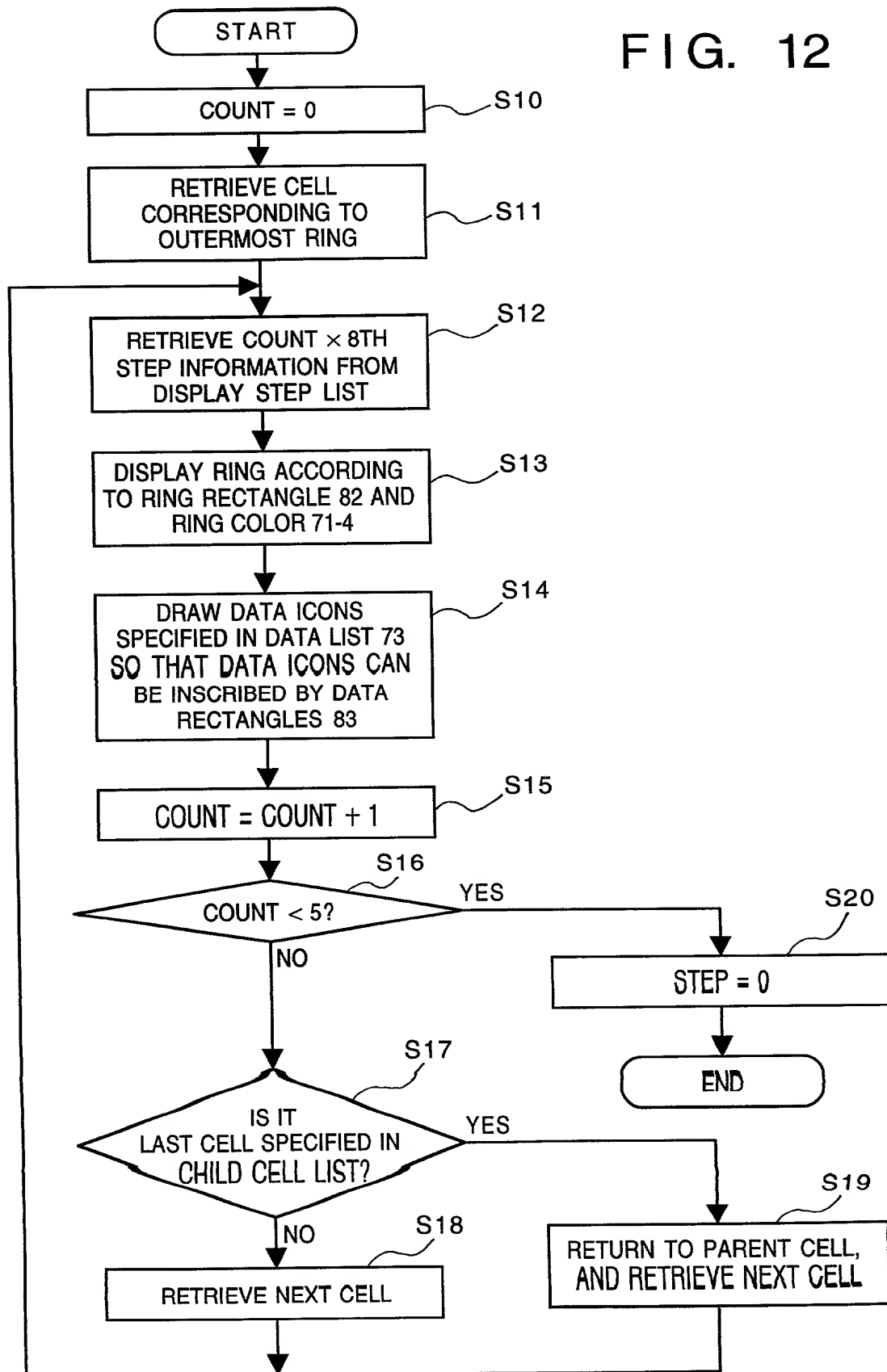


FIG. 13

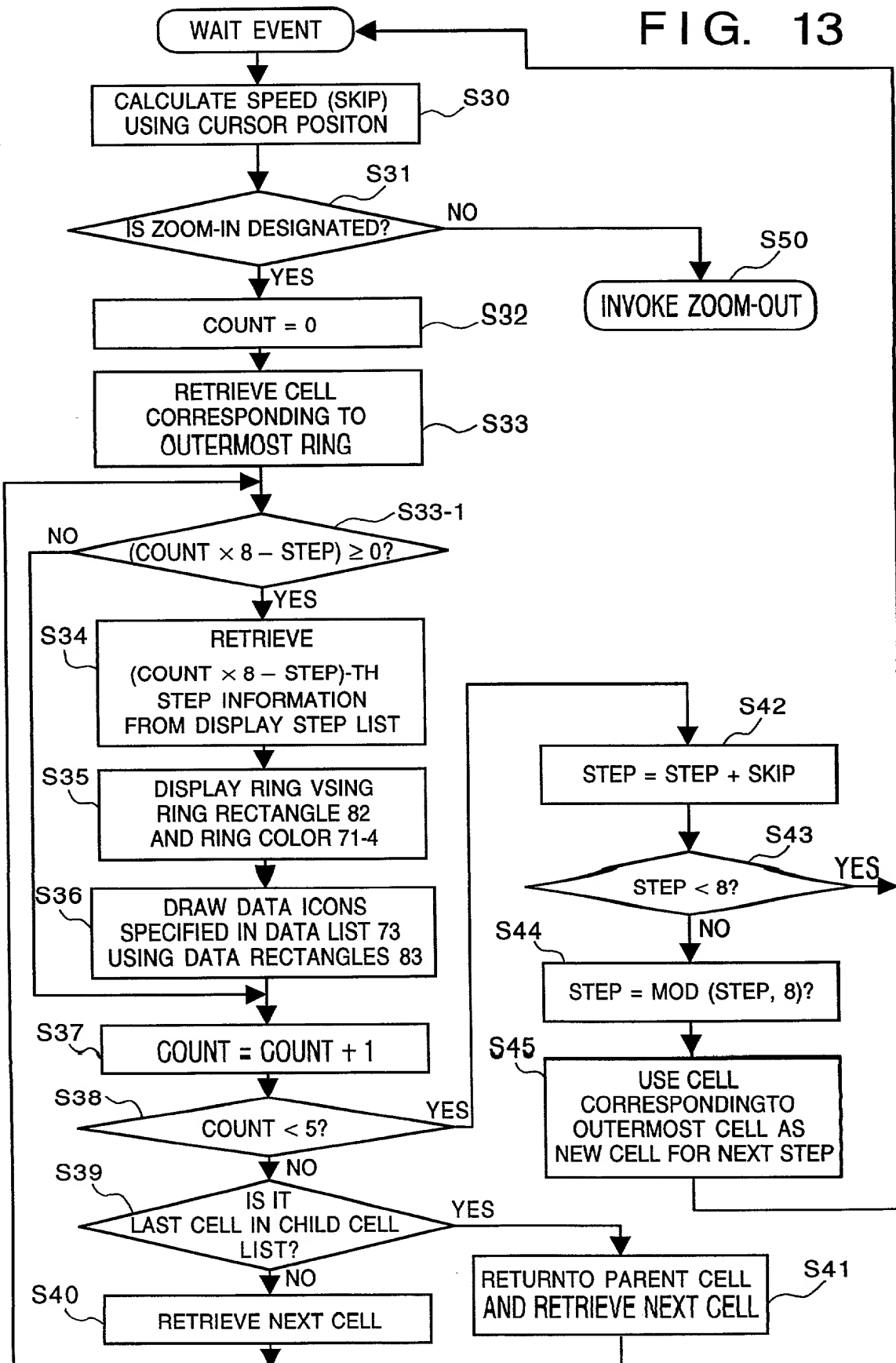


FIG. 14

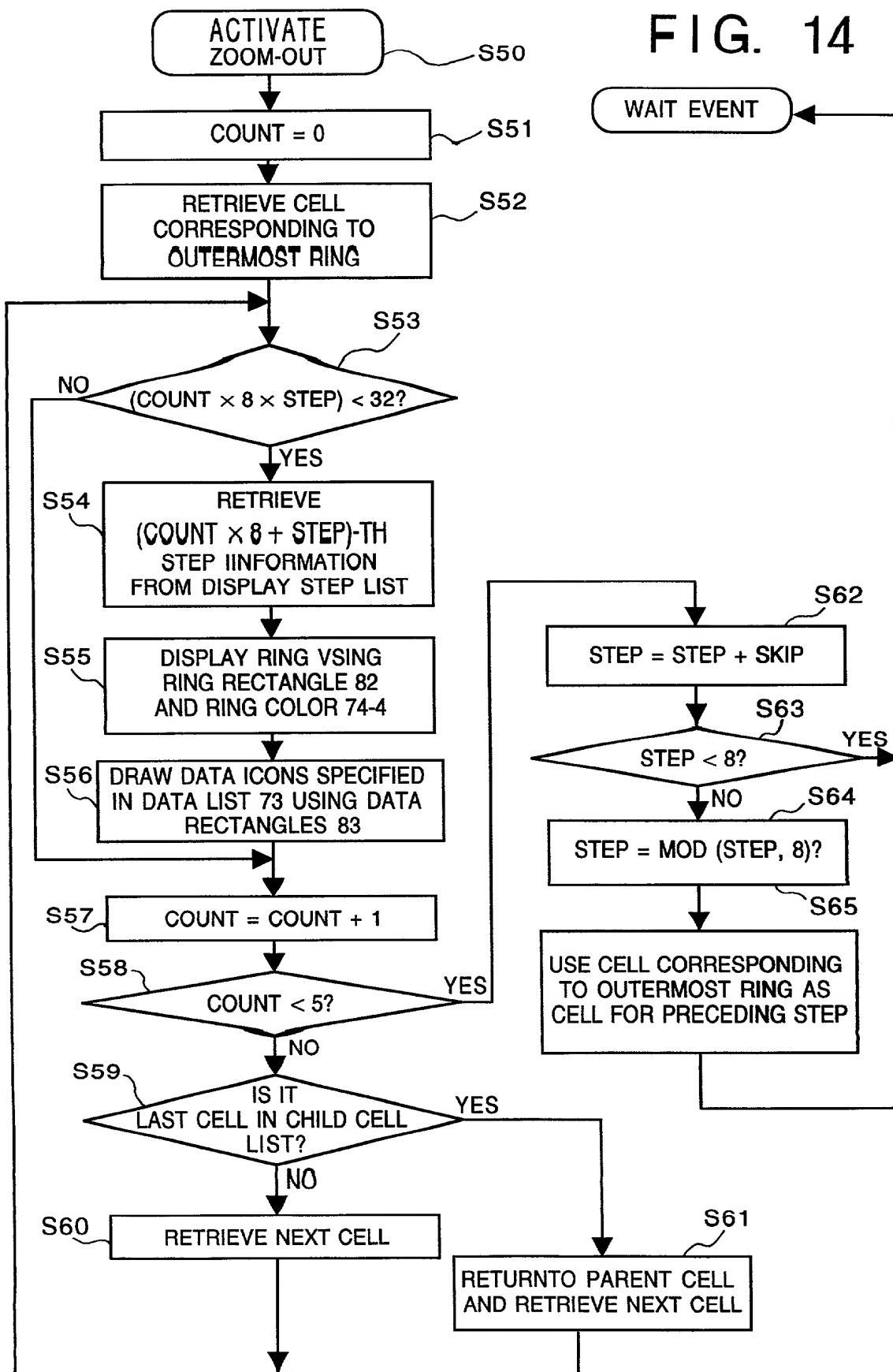


FIG. 15

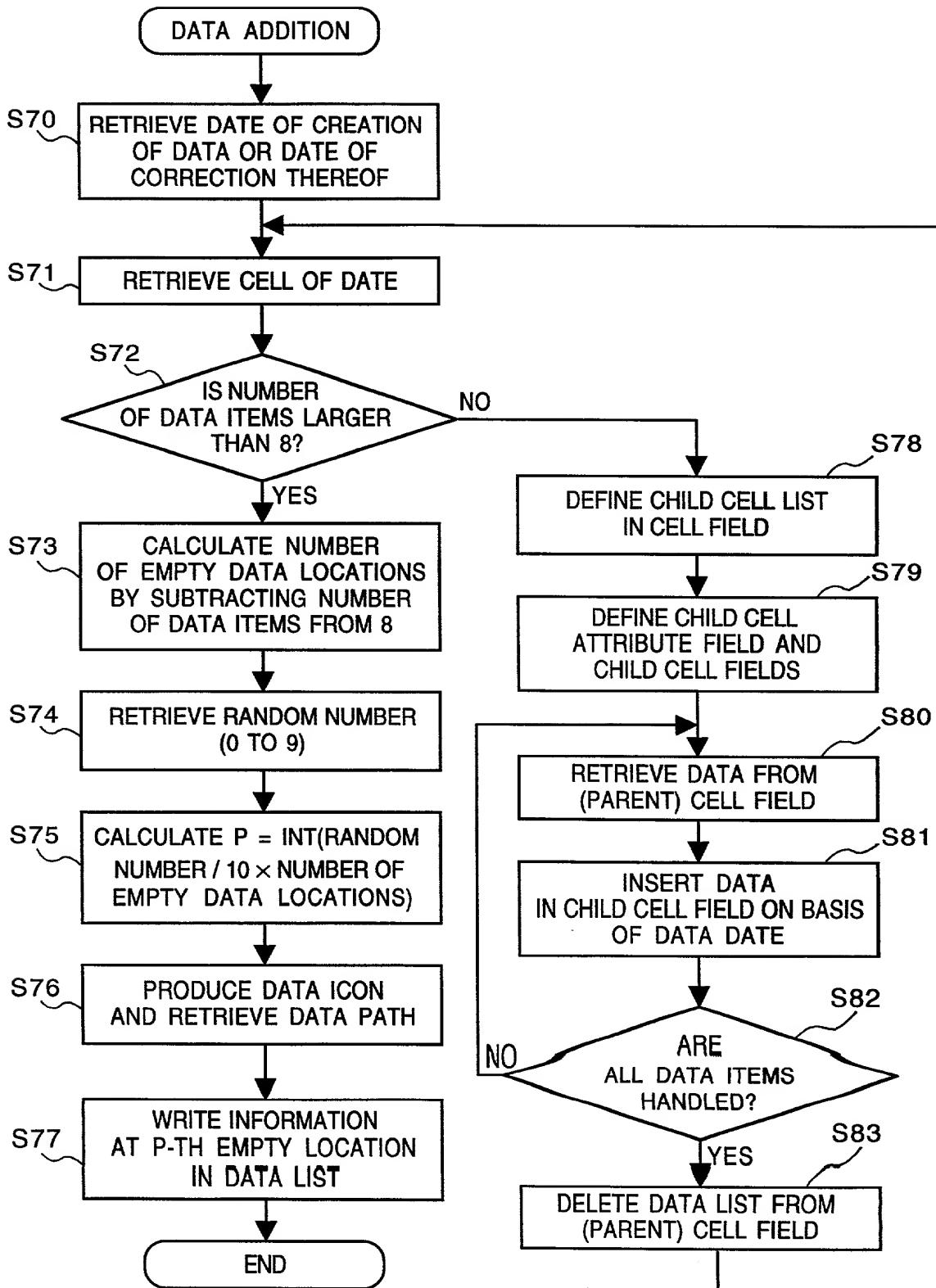


FIG. 16

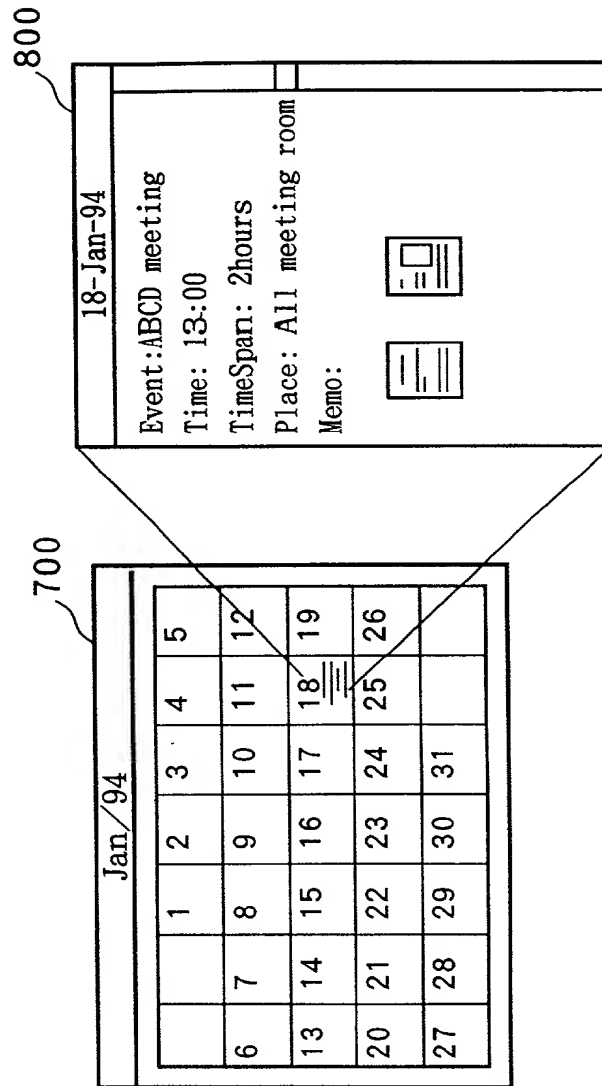




FIG. 17

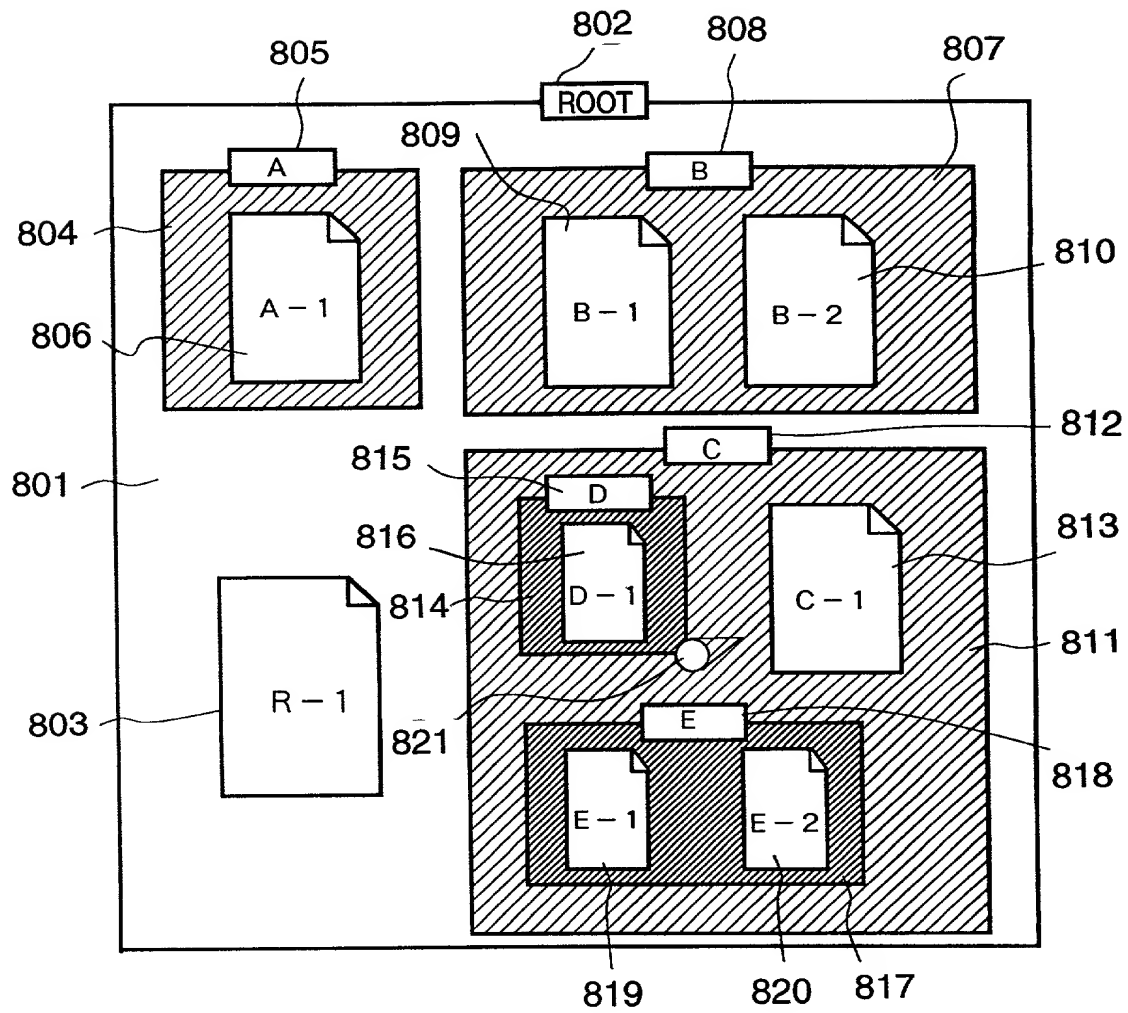


FIG. 18

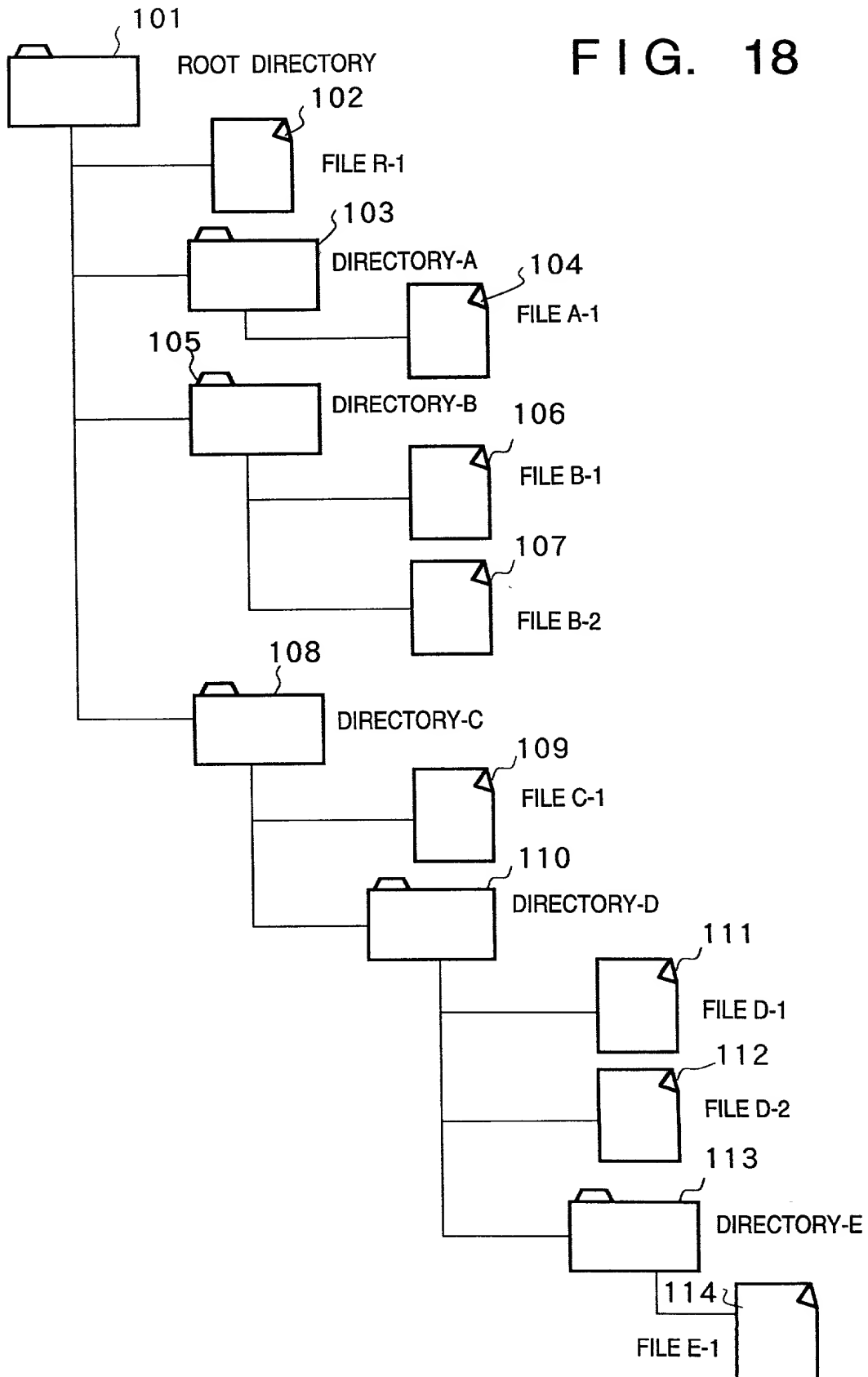


FIG. 19A

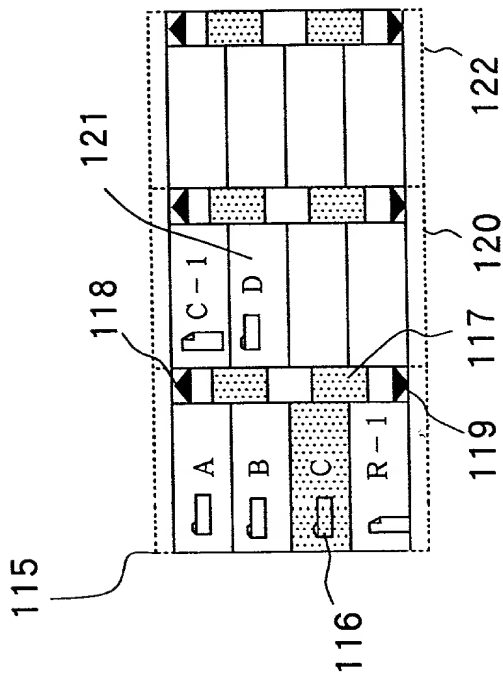


FIG. 19B

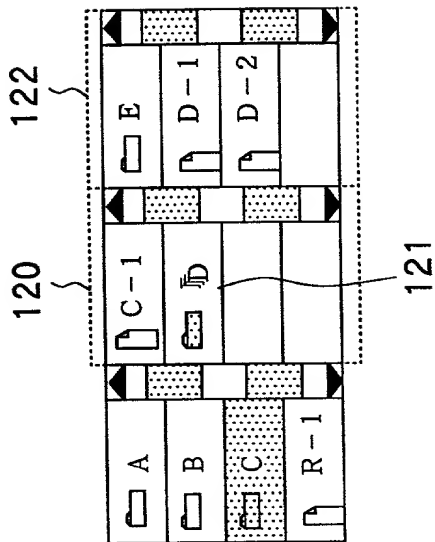


FIG. 20

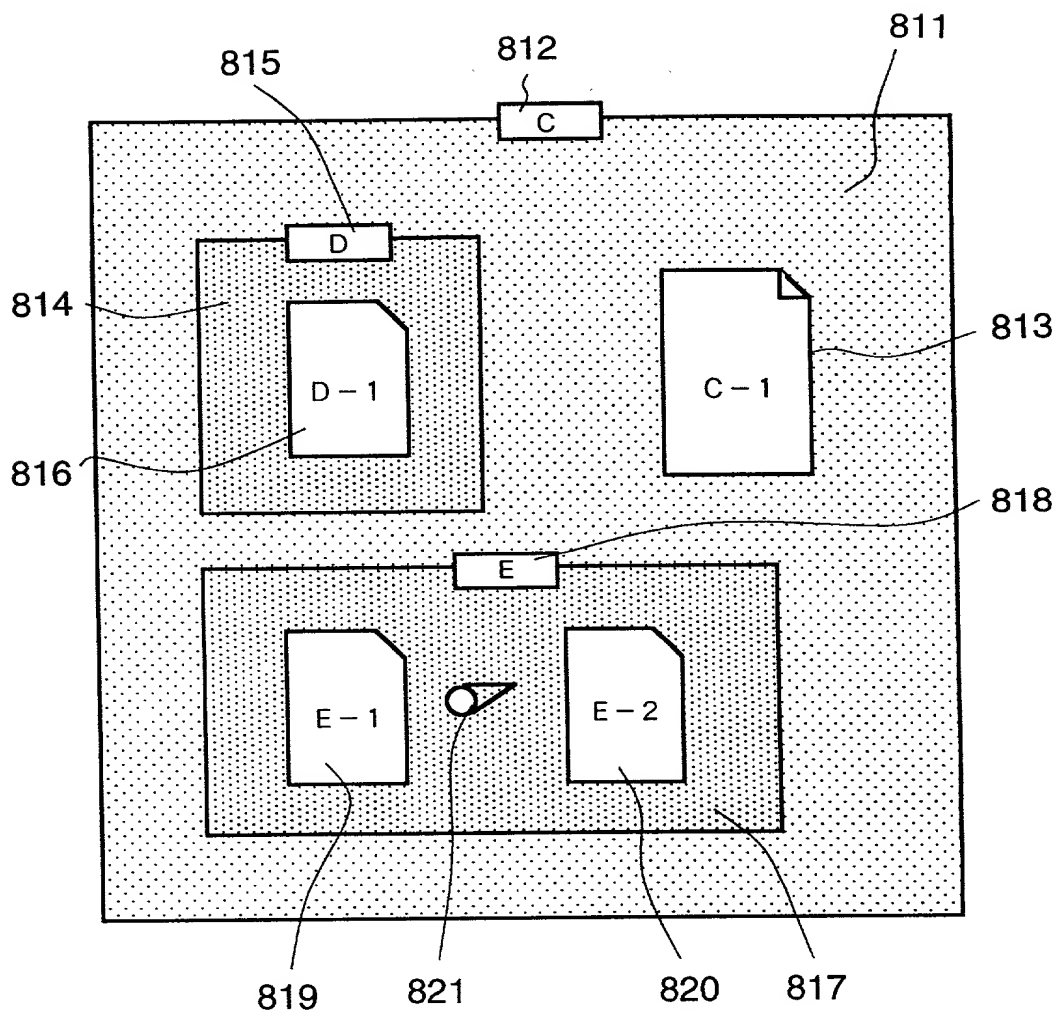


FIG. 21

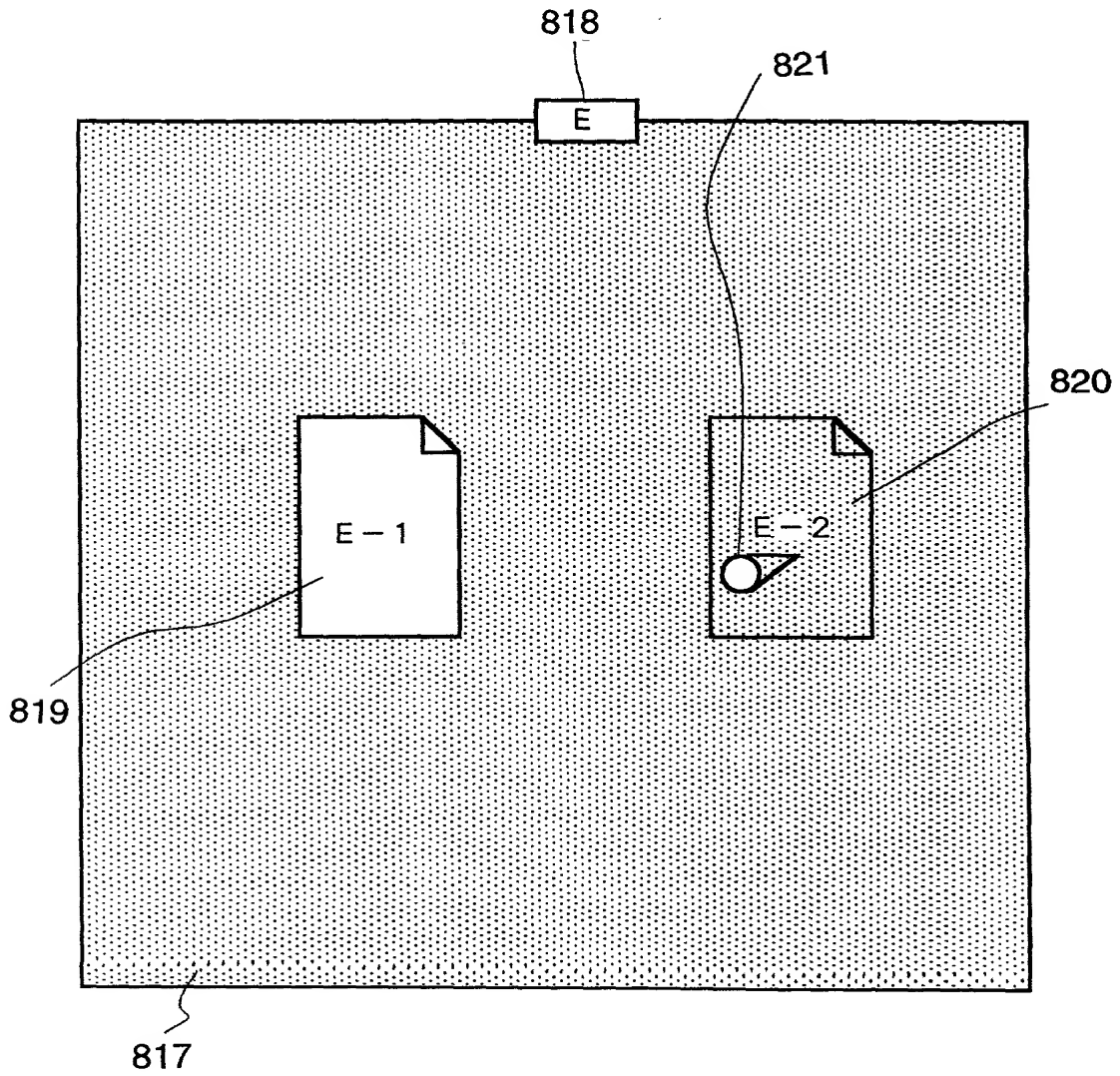


FIG. 22

822

Readme

This program is .....

.....

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\_\_\_\_\_

FIG. 22

FIG. 23

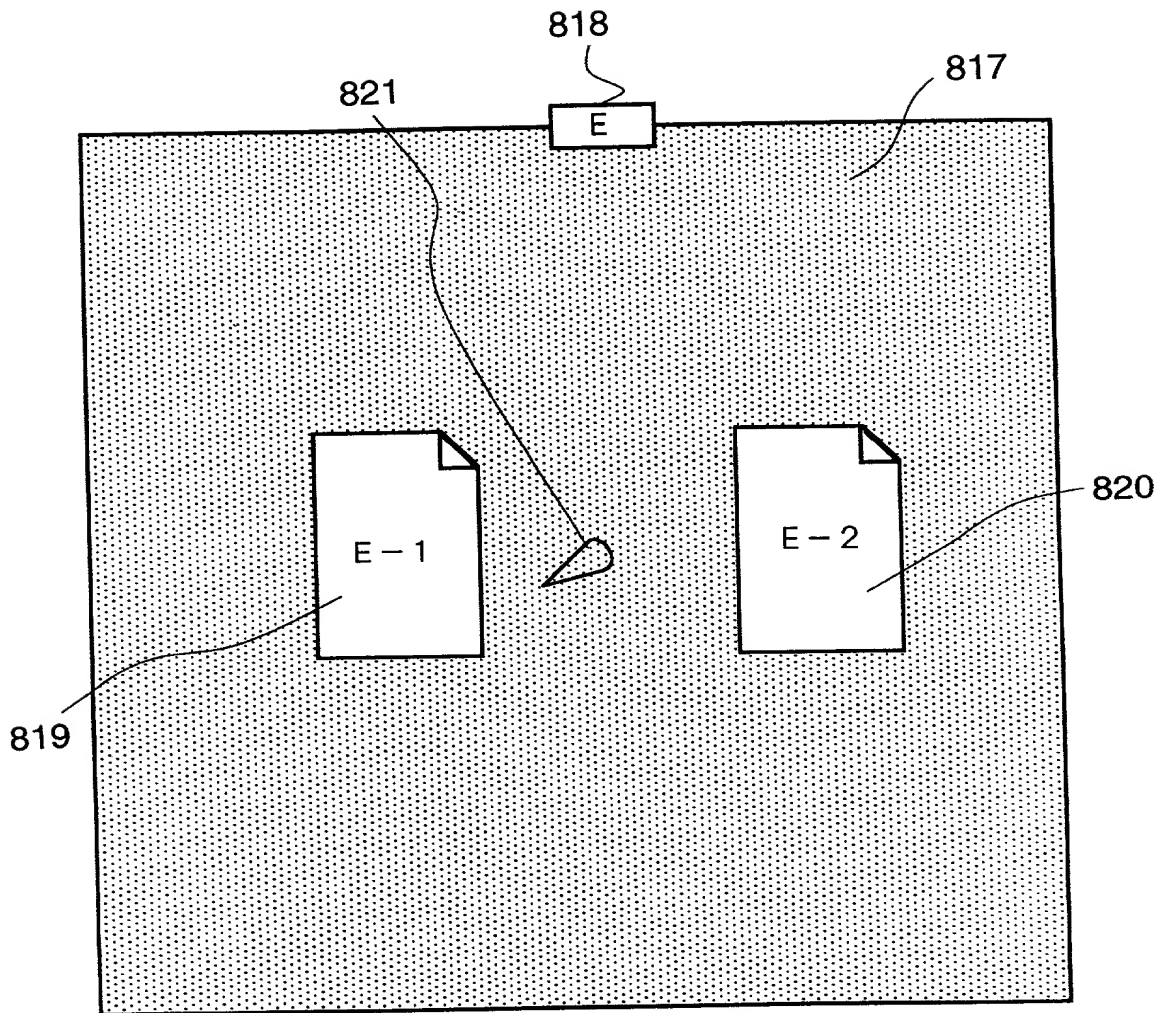


FIG. 24

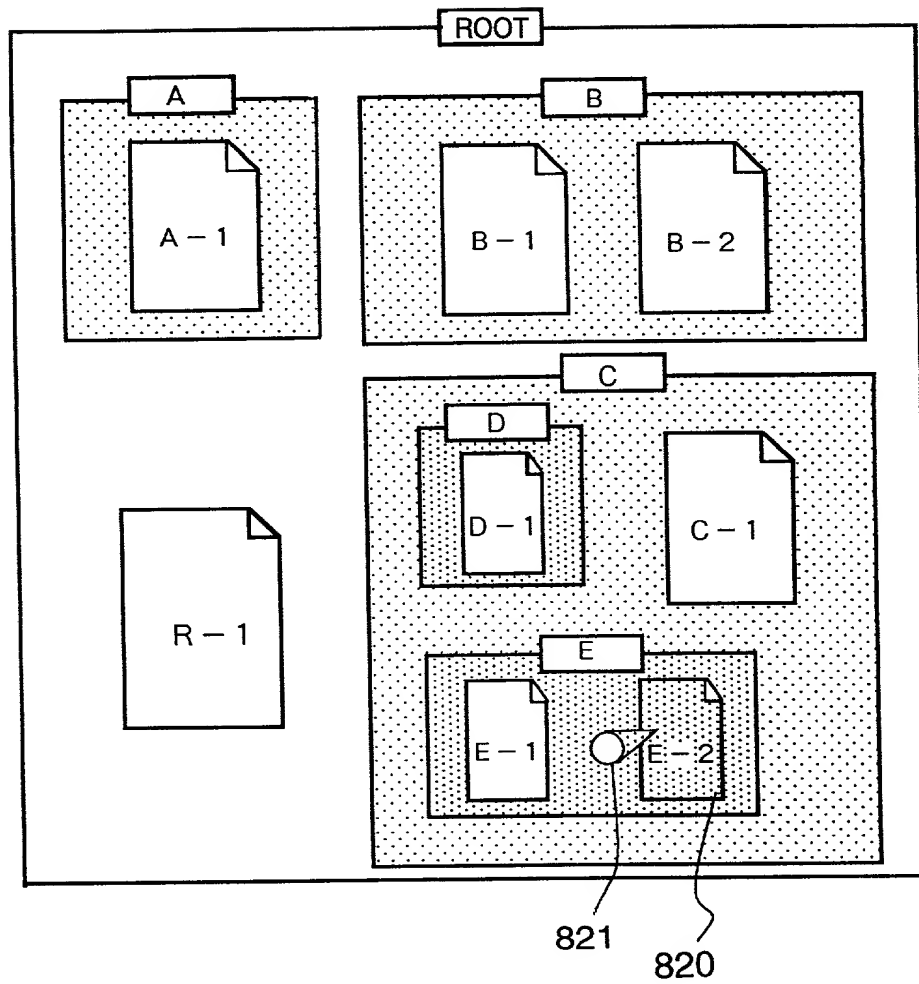




FIG. 25

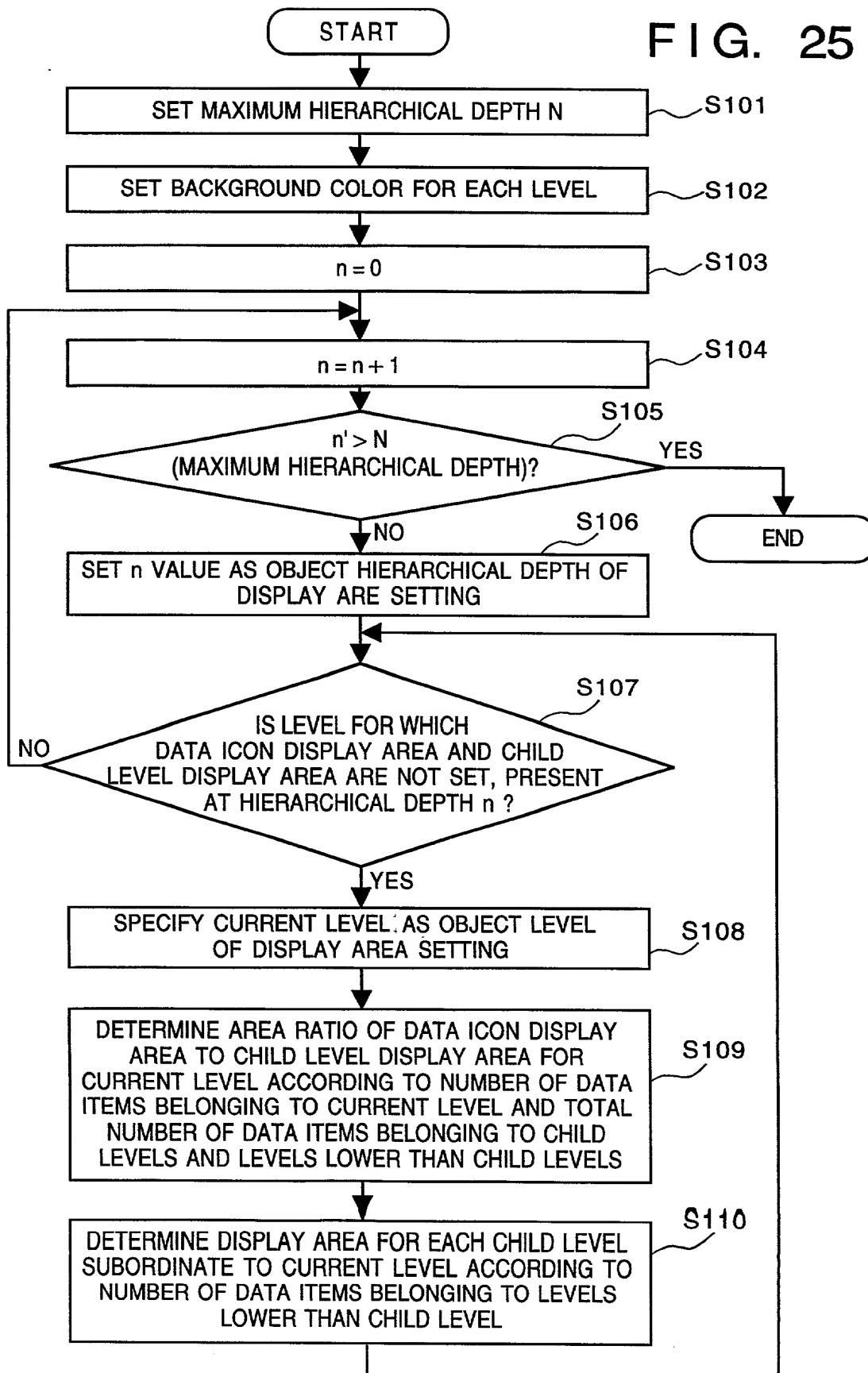


FIG. 26

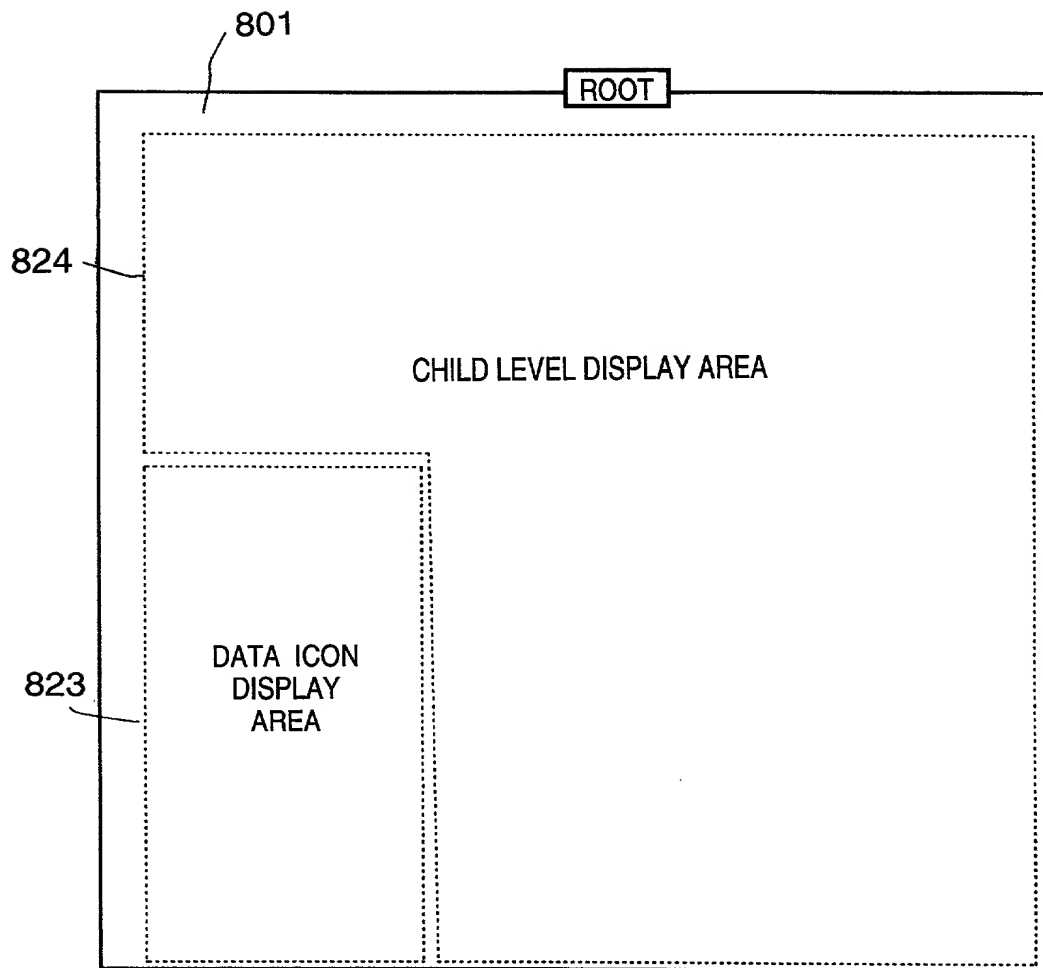


FIG. 27

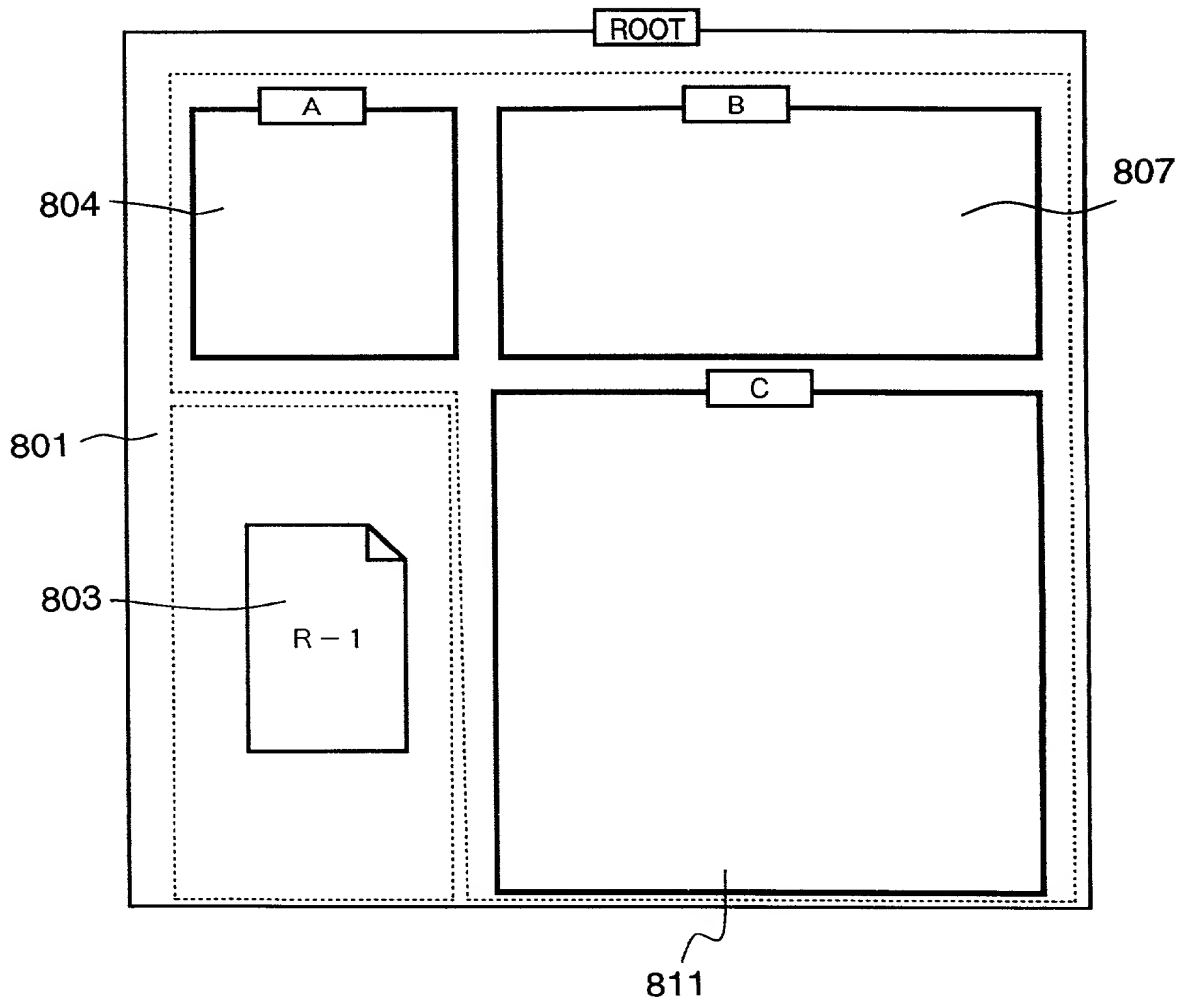


FIG. 28

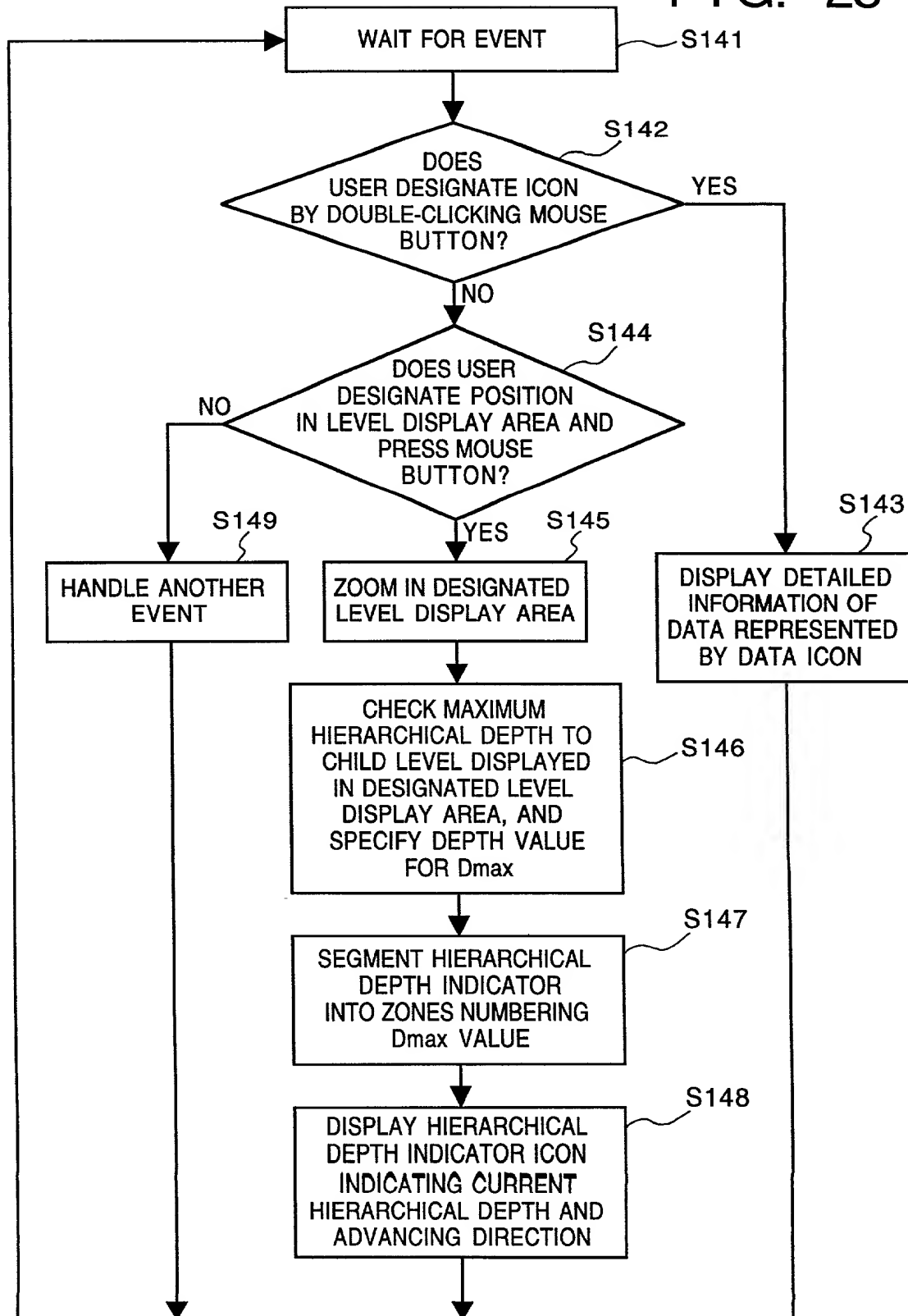


FIG. 29

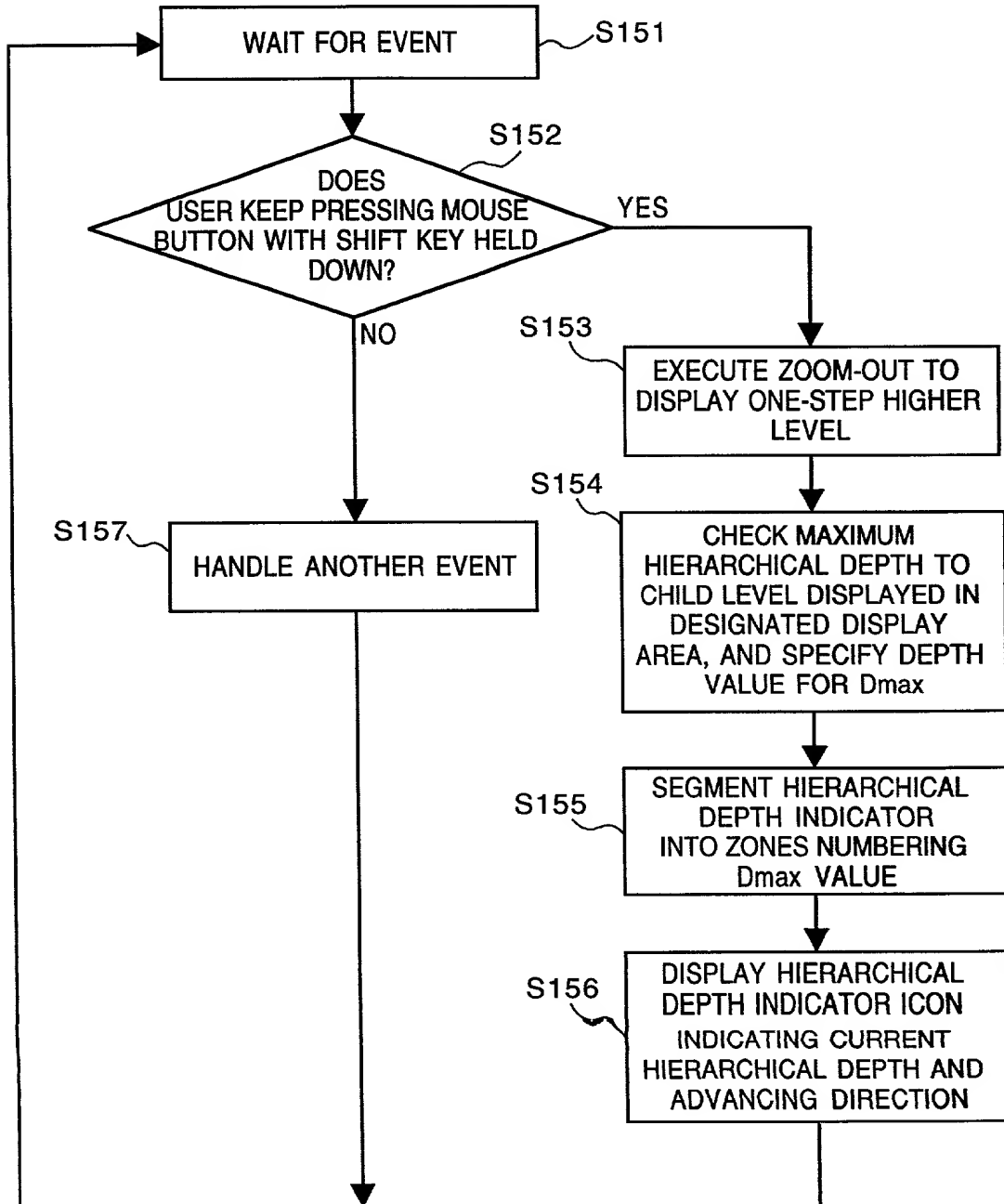


FIG. 30

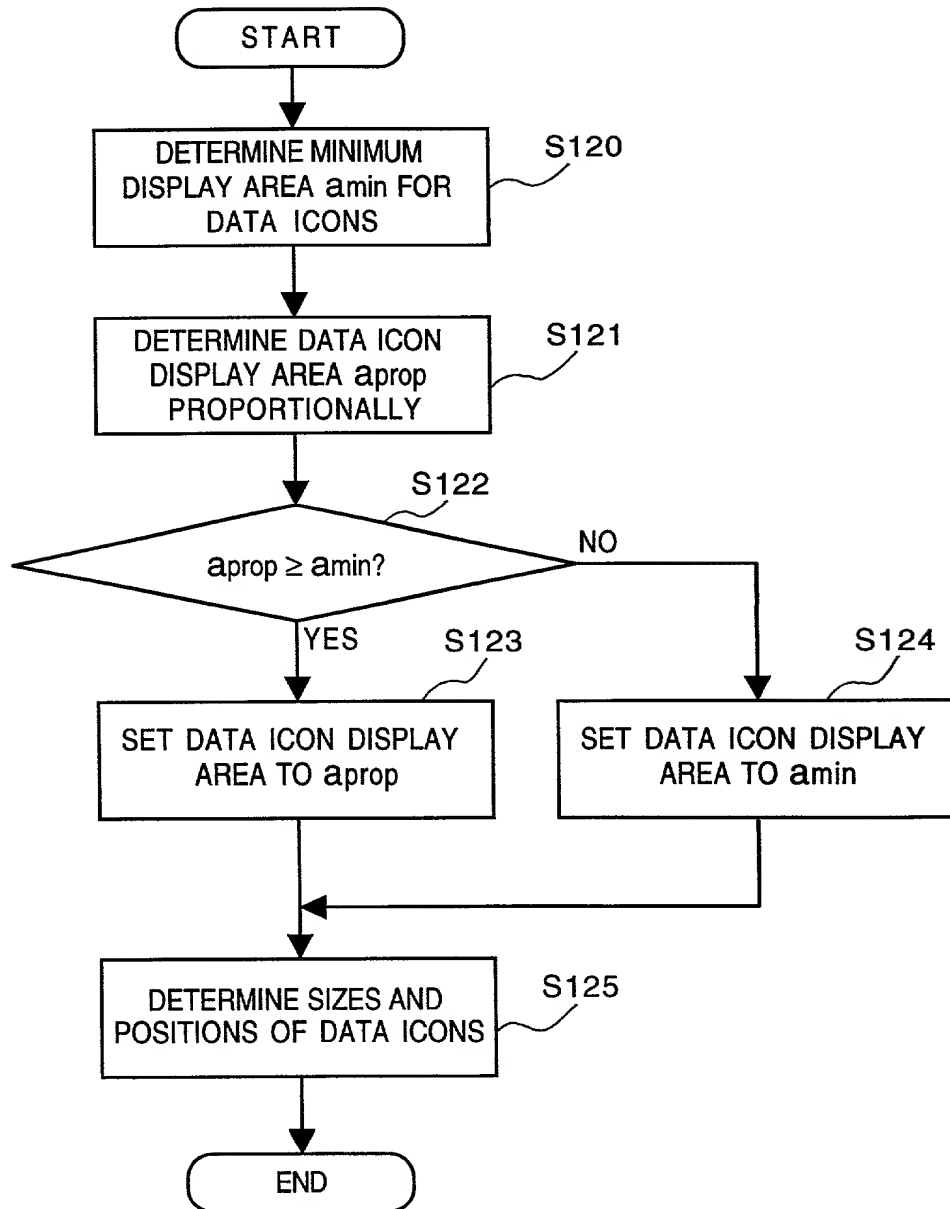


FIG. 31

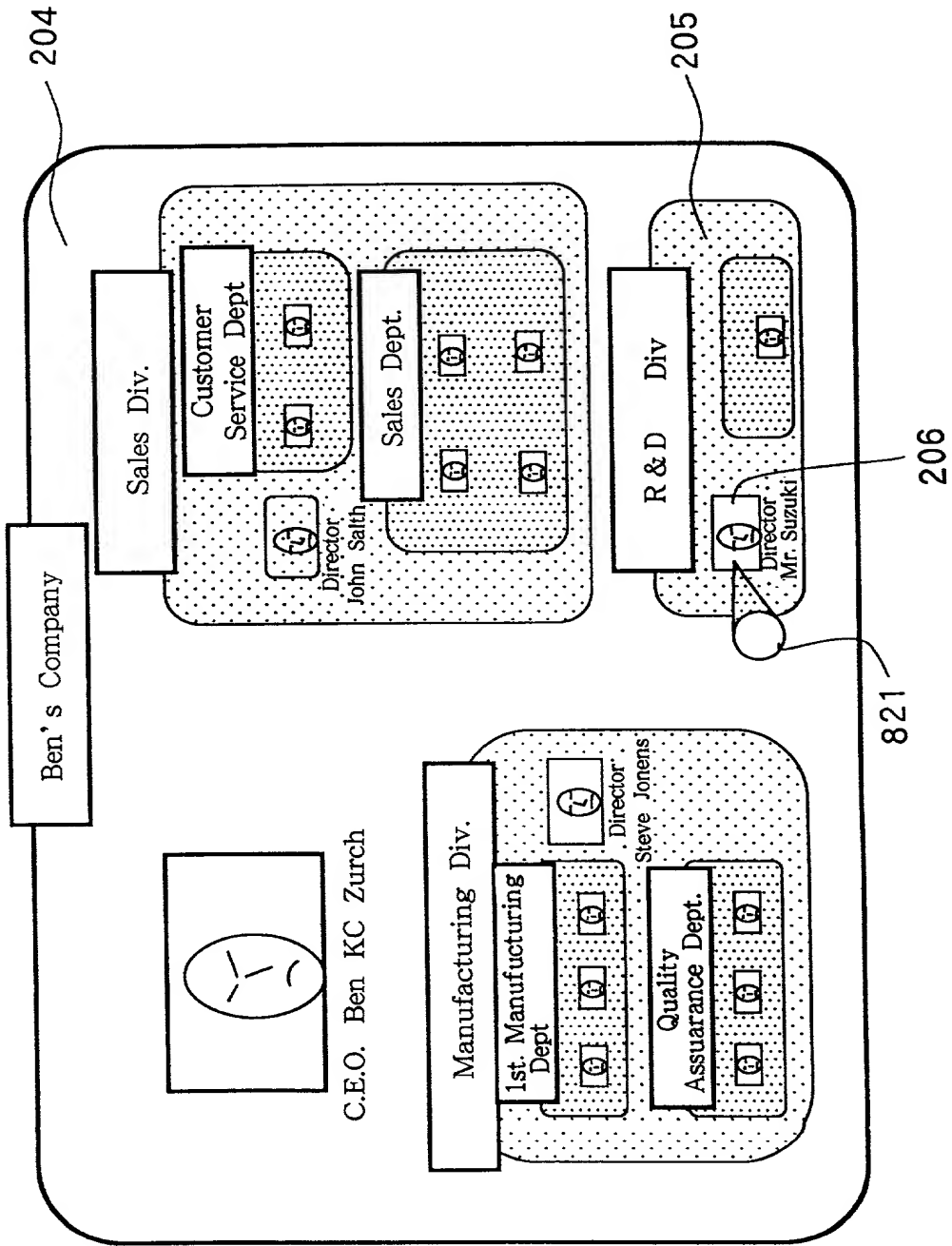


FIG. 32

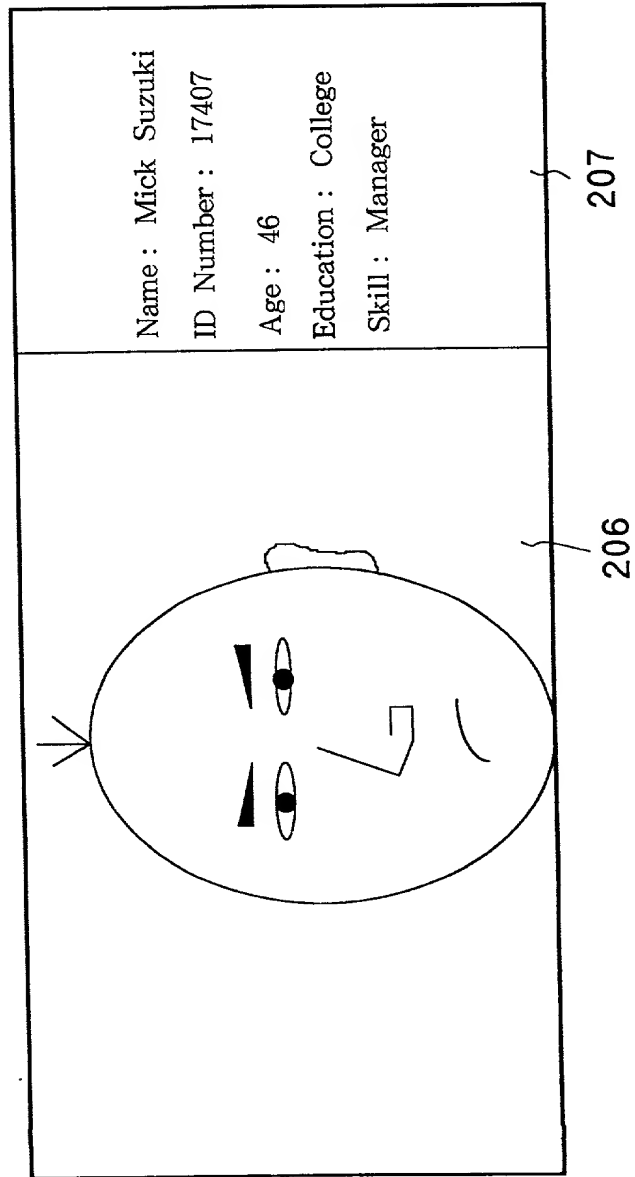




FIG. 33

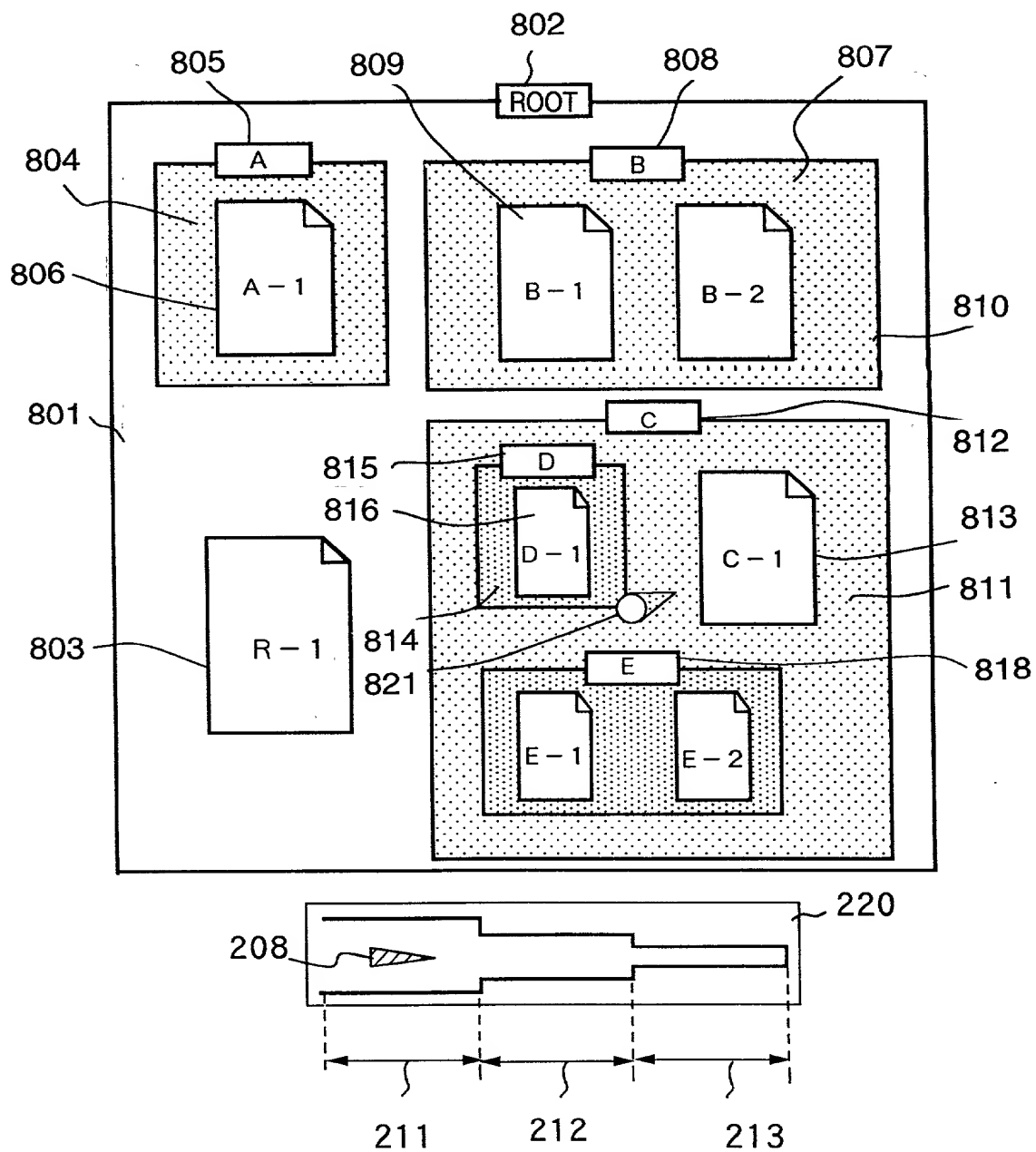


FIG. 34

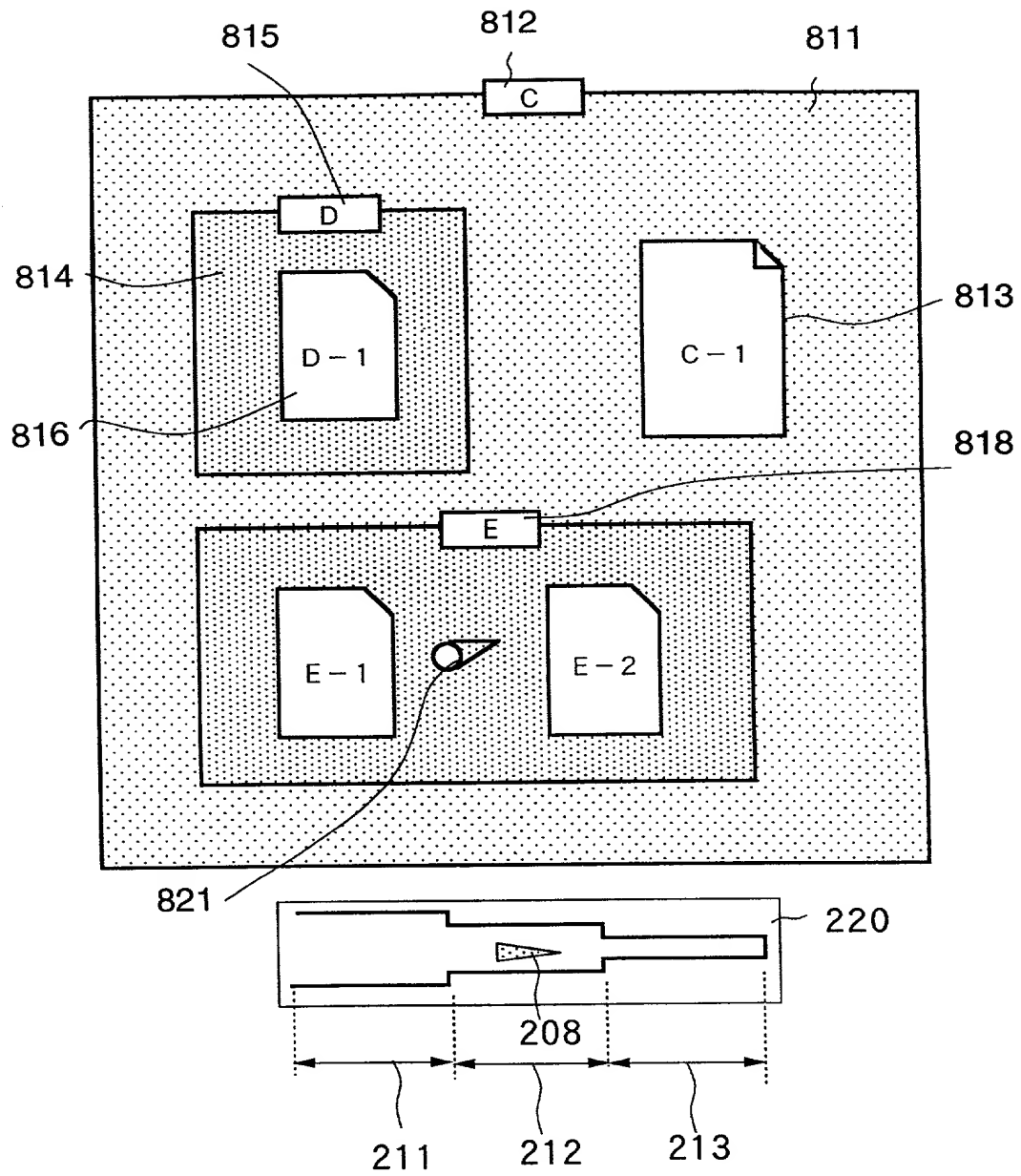


FIG. 35

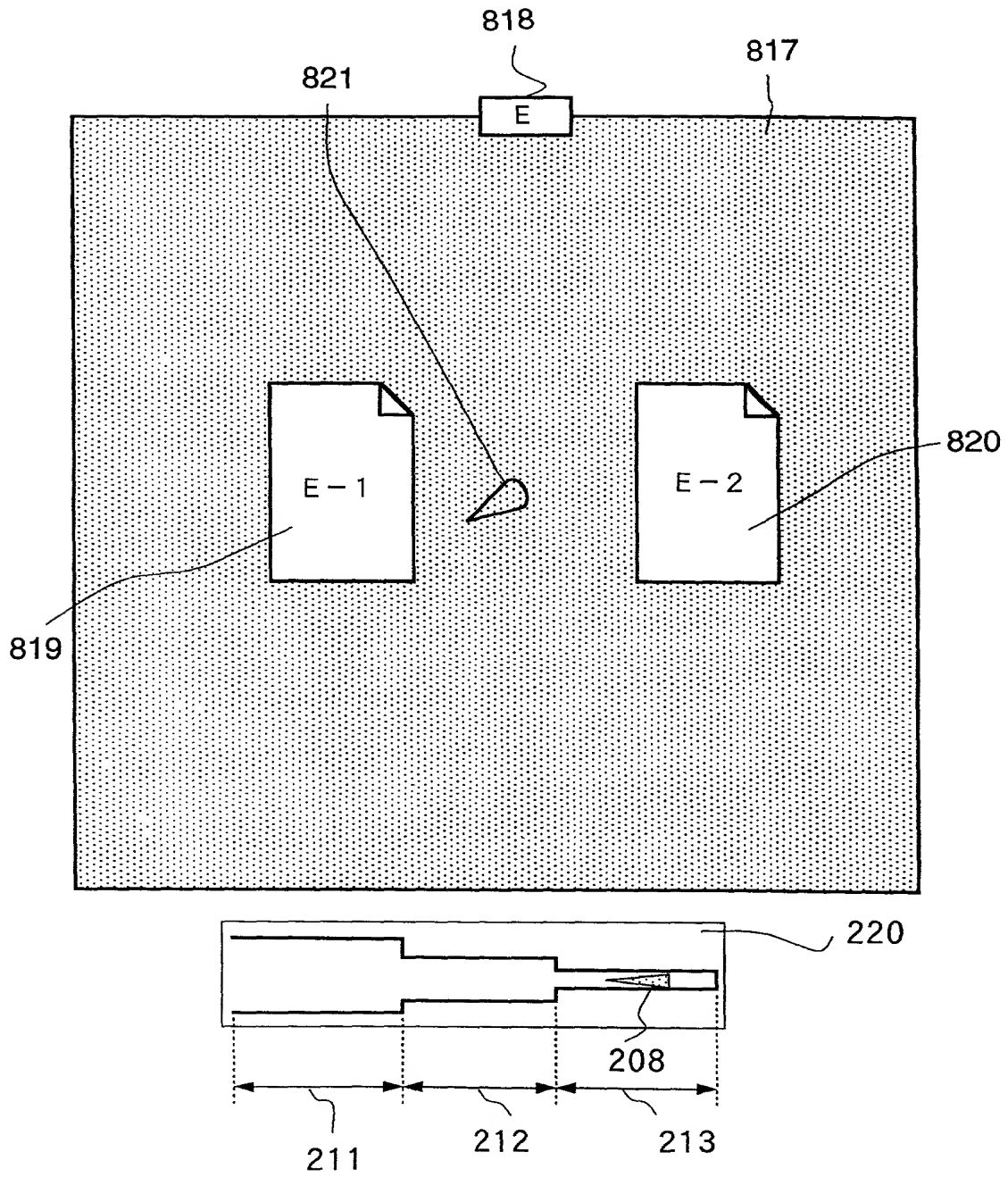


FIG. 36

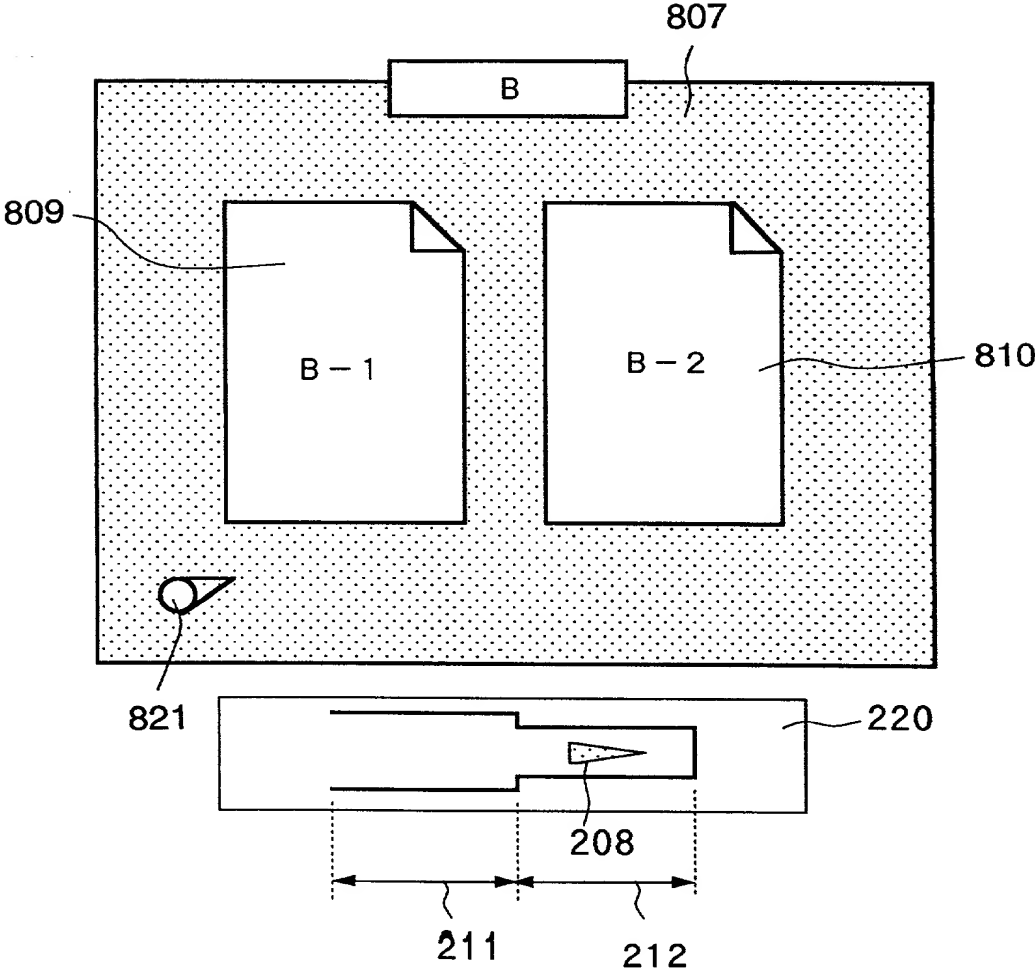


FIG. 37

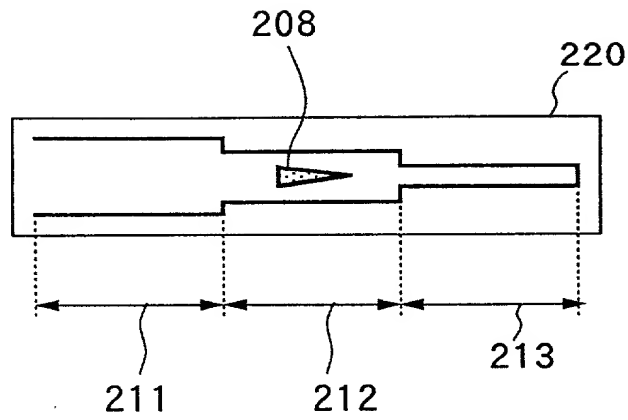


FIG. 38

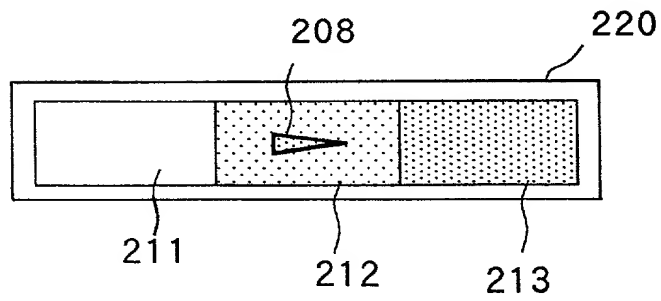


FIG. 39

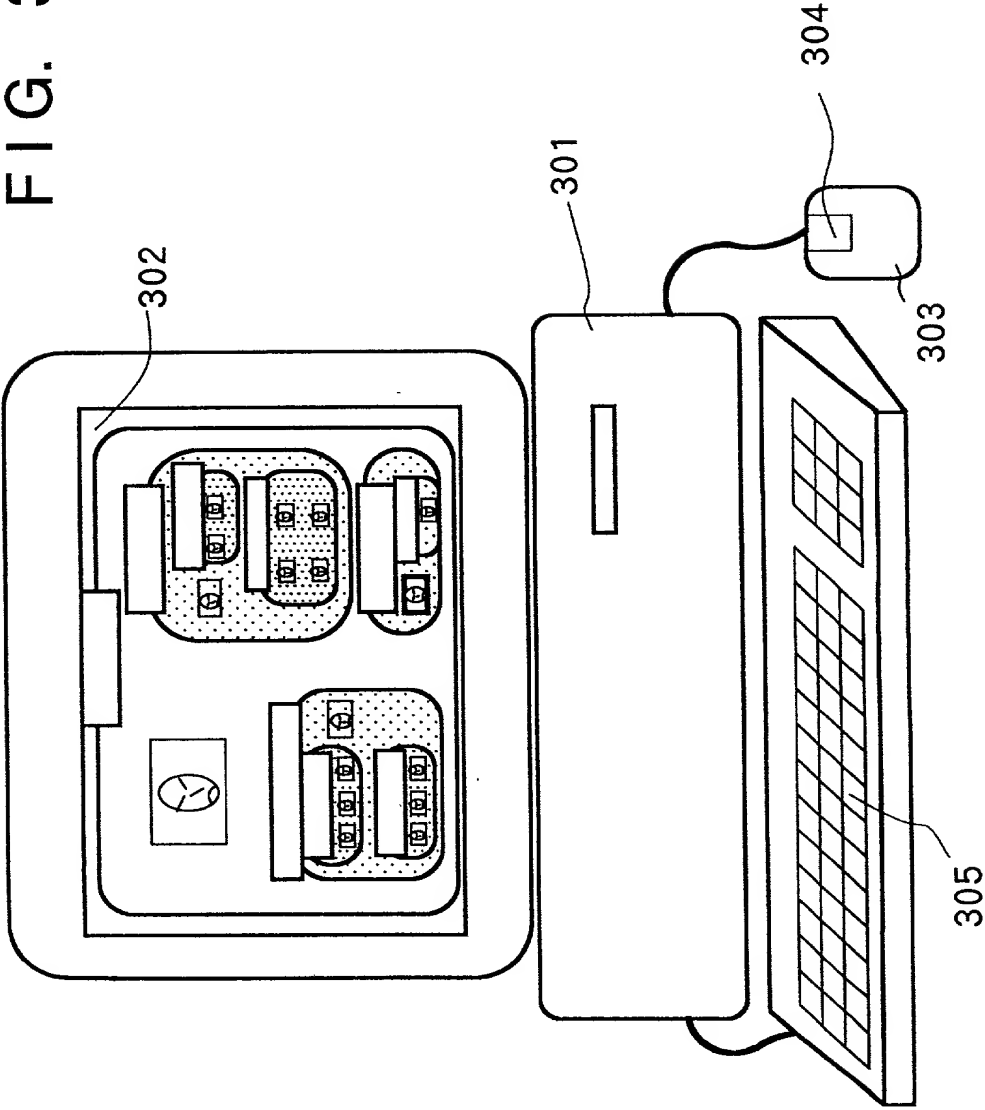


FIG. 40

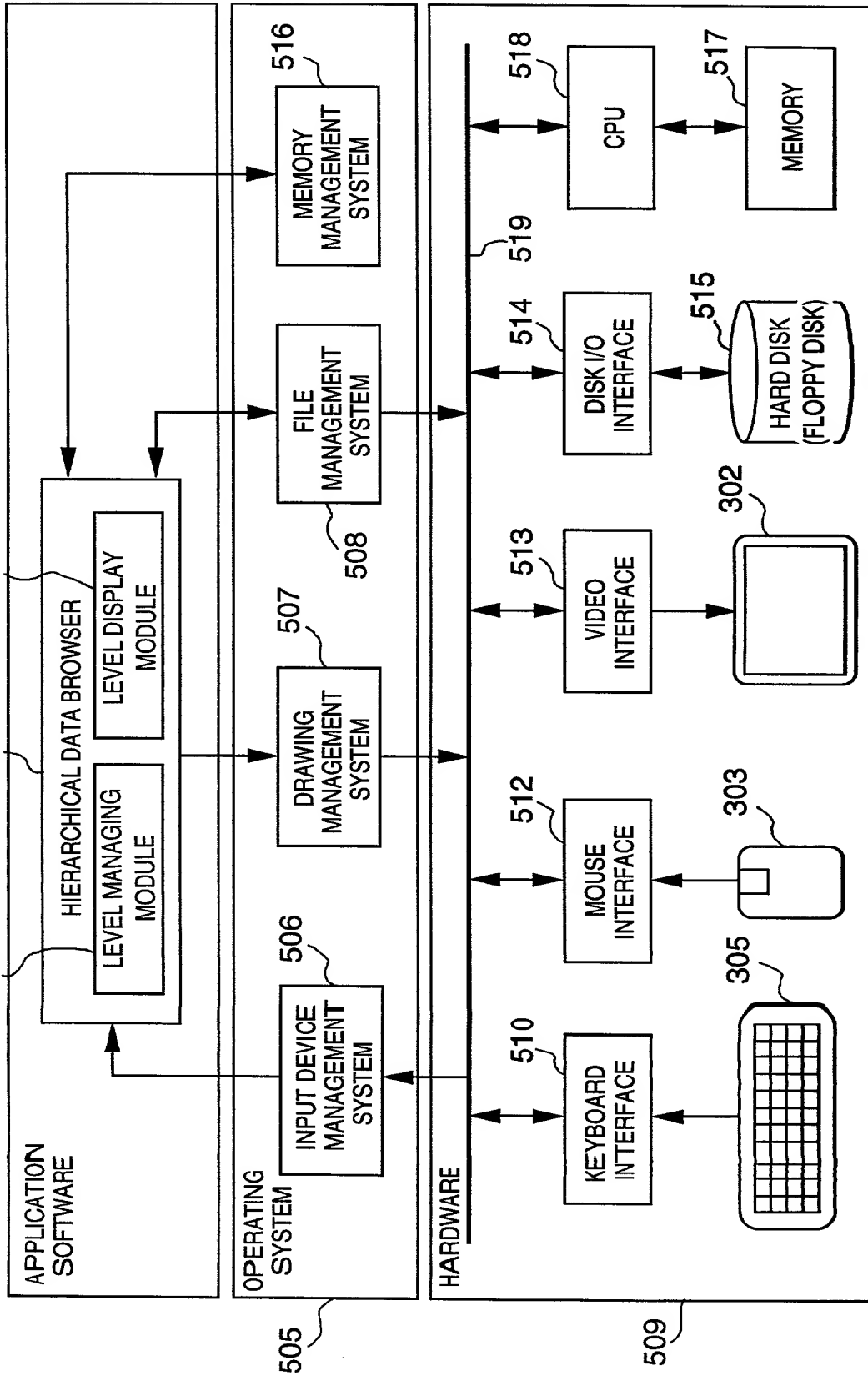


FIG. 41

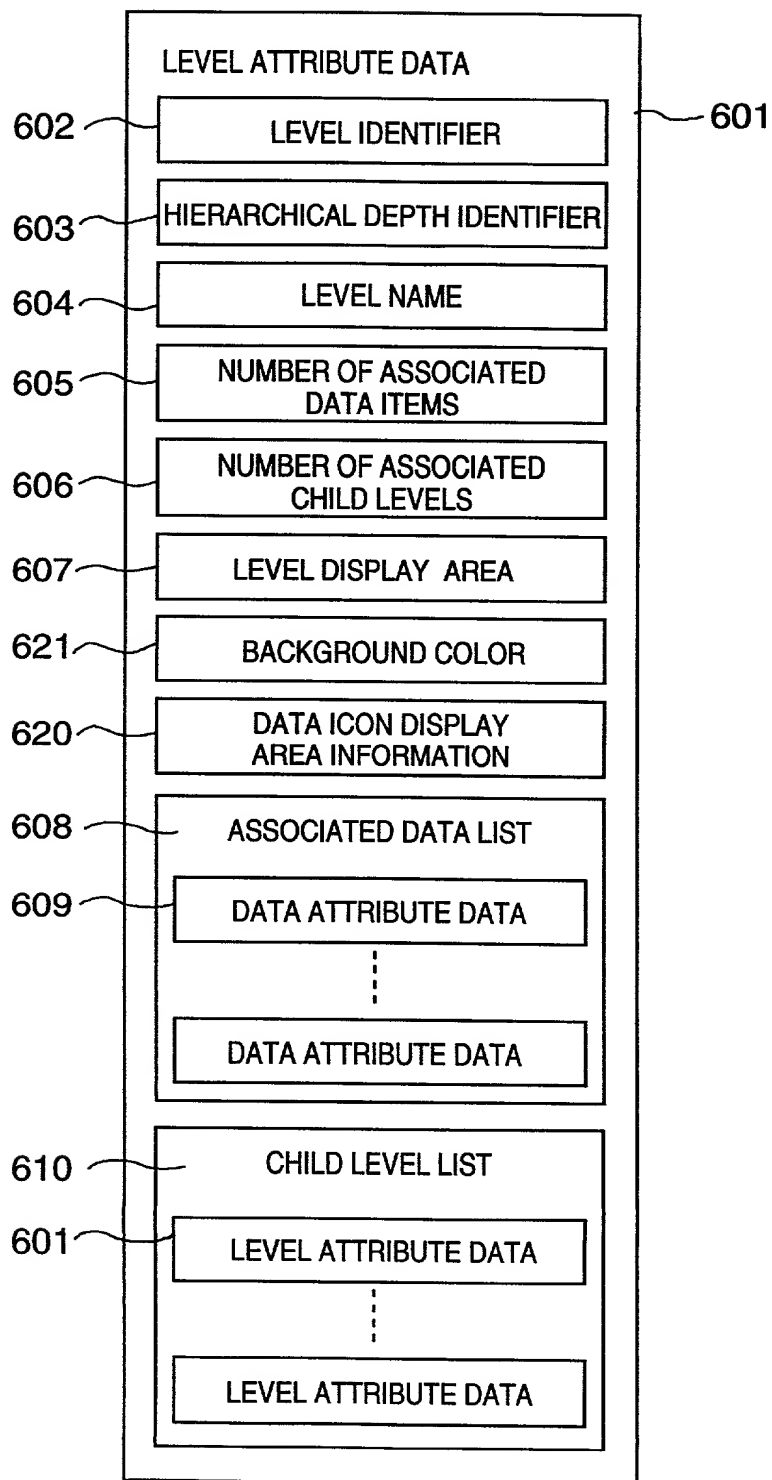




FIG. 42

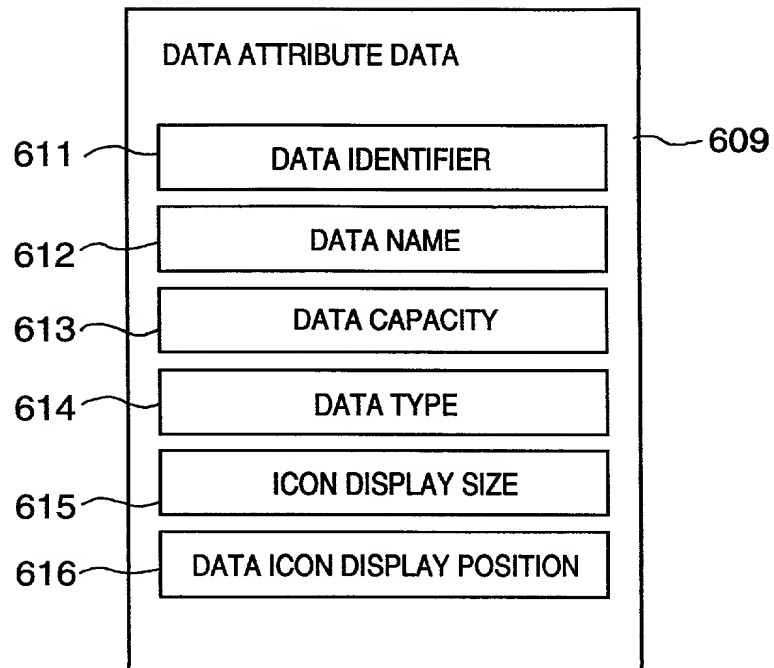


FIG. 43

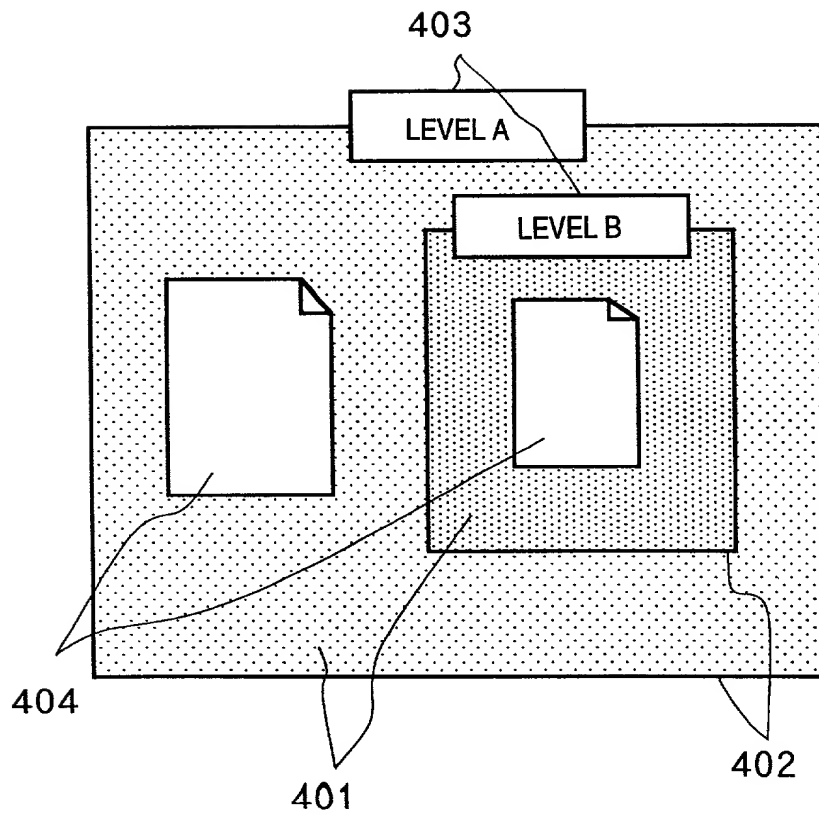


FIG. 44

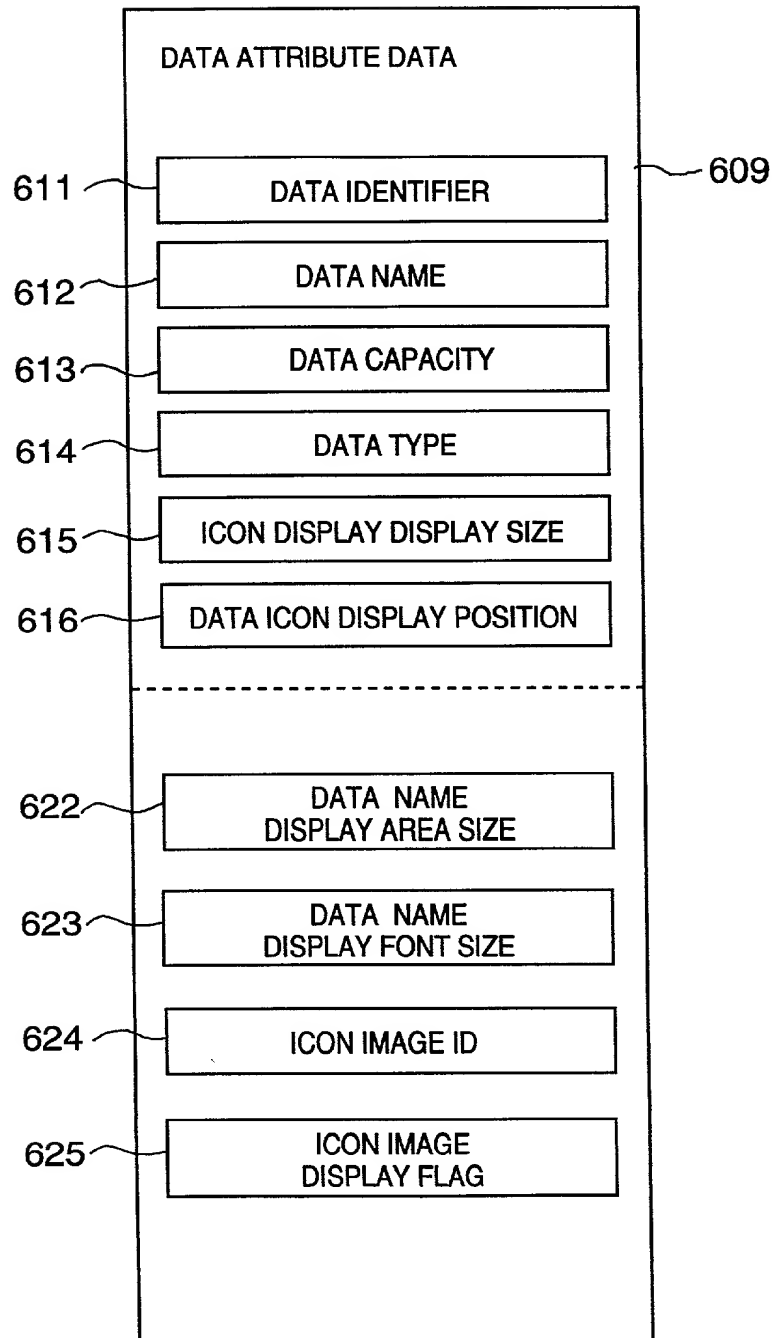


FIG. 45

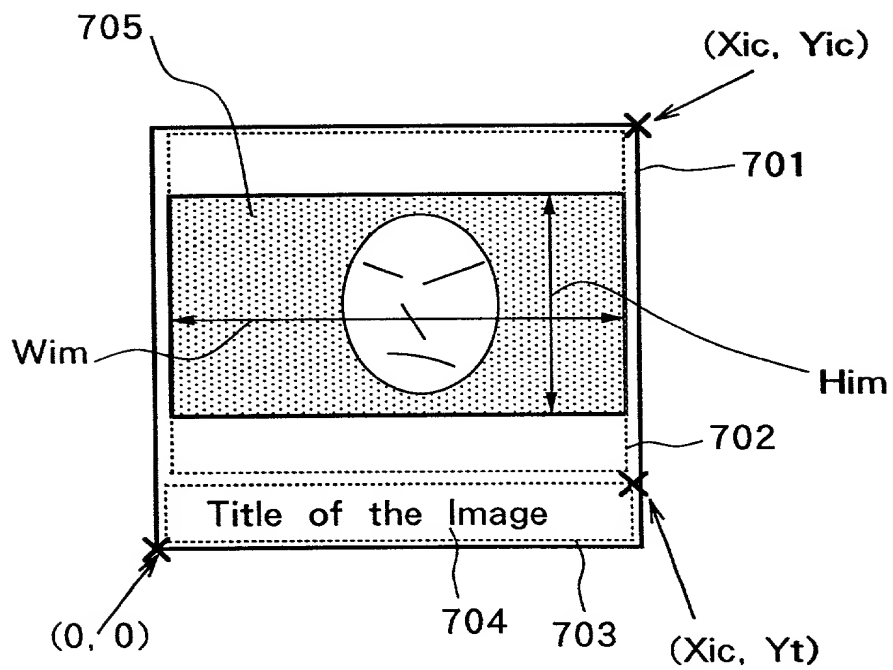


FIG. 46

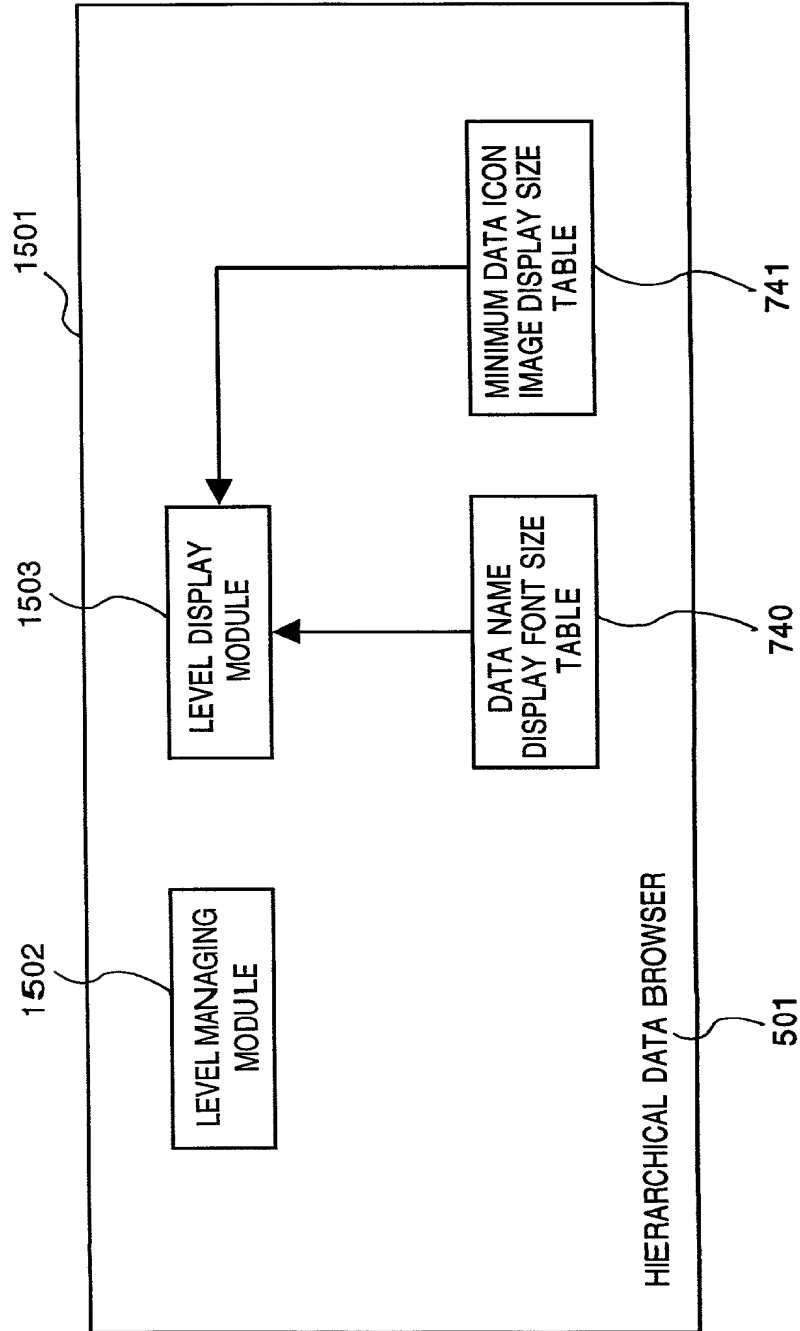


FIG. 47

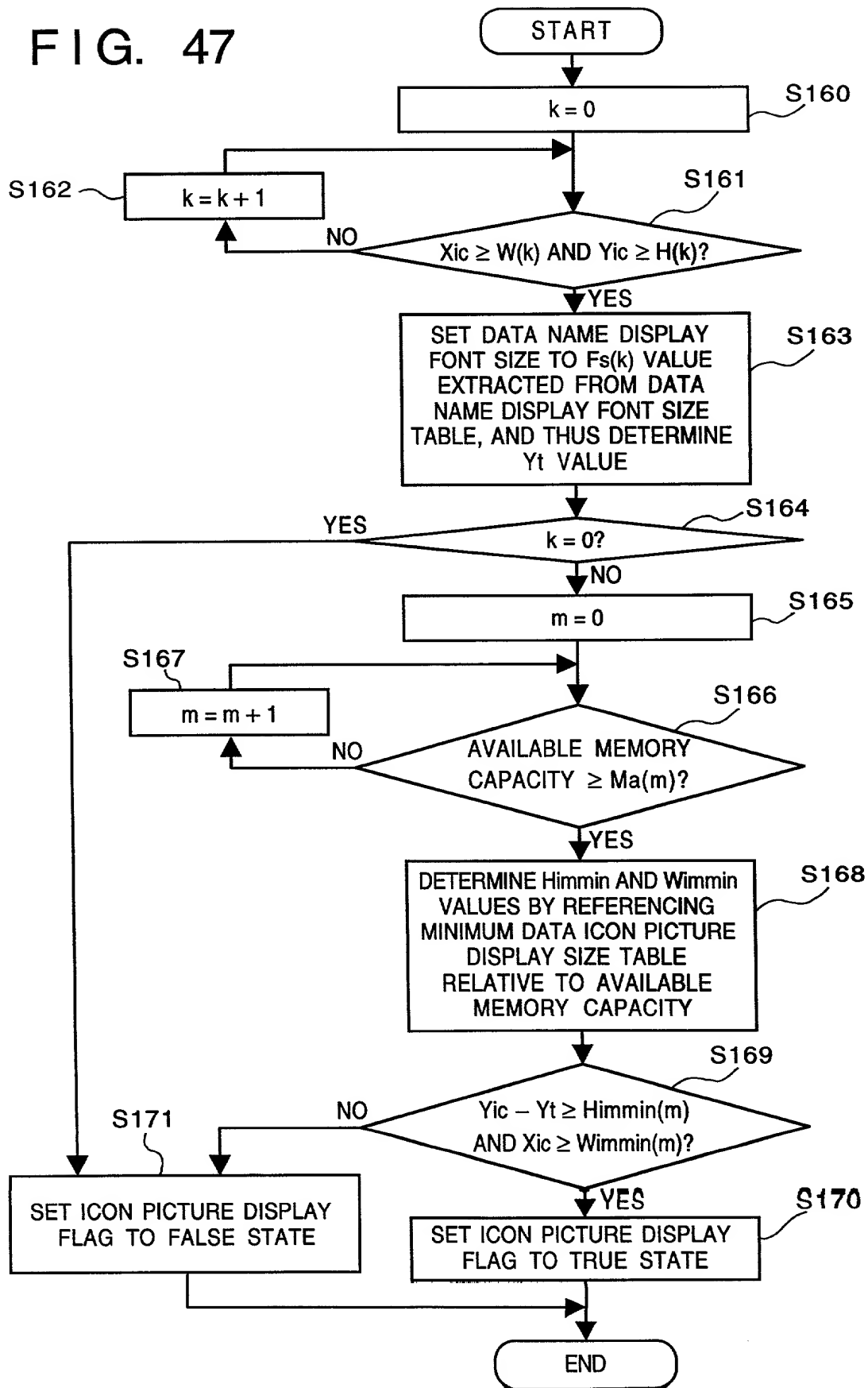


FIG. 48

740

DATA NAME DISPLAY FONT SIZE TABLE

k	W (k)	H (k)	Fs (k)
0	0	0	0
1	w1	h1	fs1
2	w2	h2	fs2
3	w3	h3	fs3

FIG. 49

741

MINIMUM ICON PICTURE DISPLAY AREA SIZE TABLE

m	AVAILABLE MEMORY CAPACITY Ma (m)	Wimmin (m)	Himmin (m)
0	ma0	wm0	hm0
1	ma1	wm1	hm1
2	ma2	wm2	hm2
3	ma3	wm3	hm3

FIG. 50

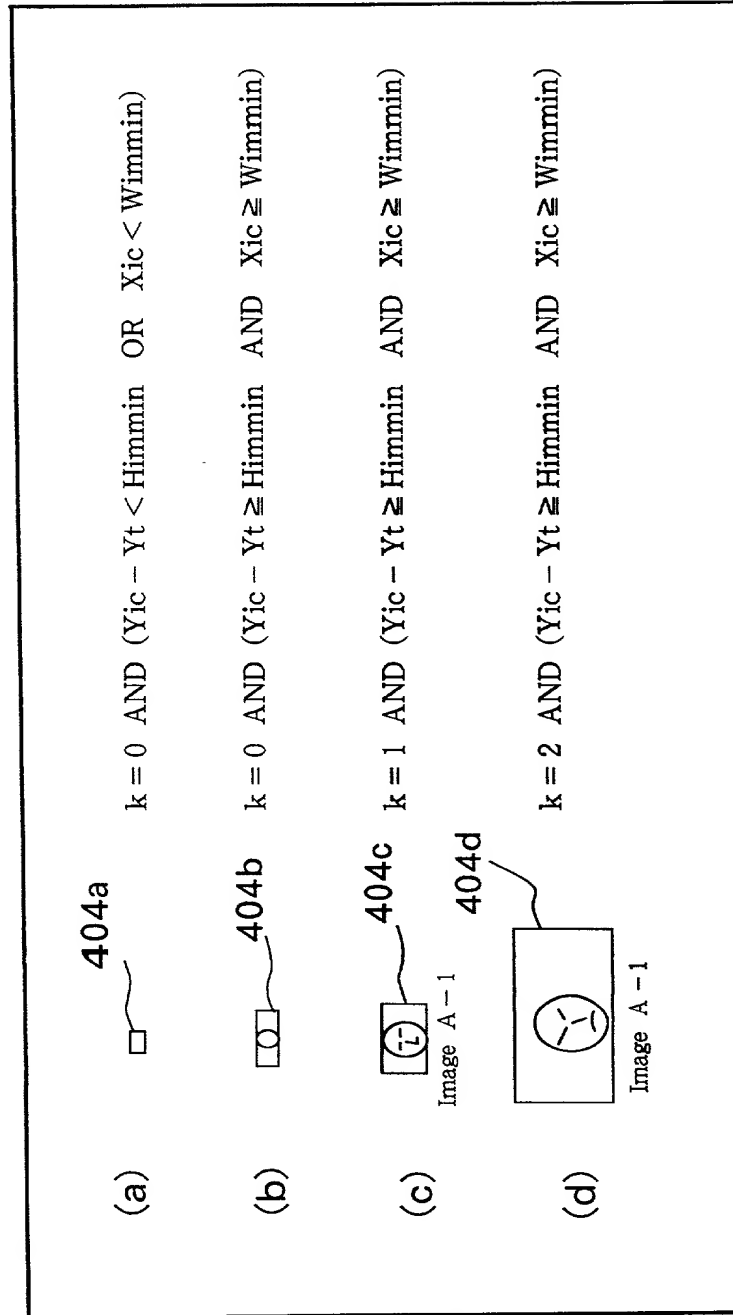




FIG. 51

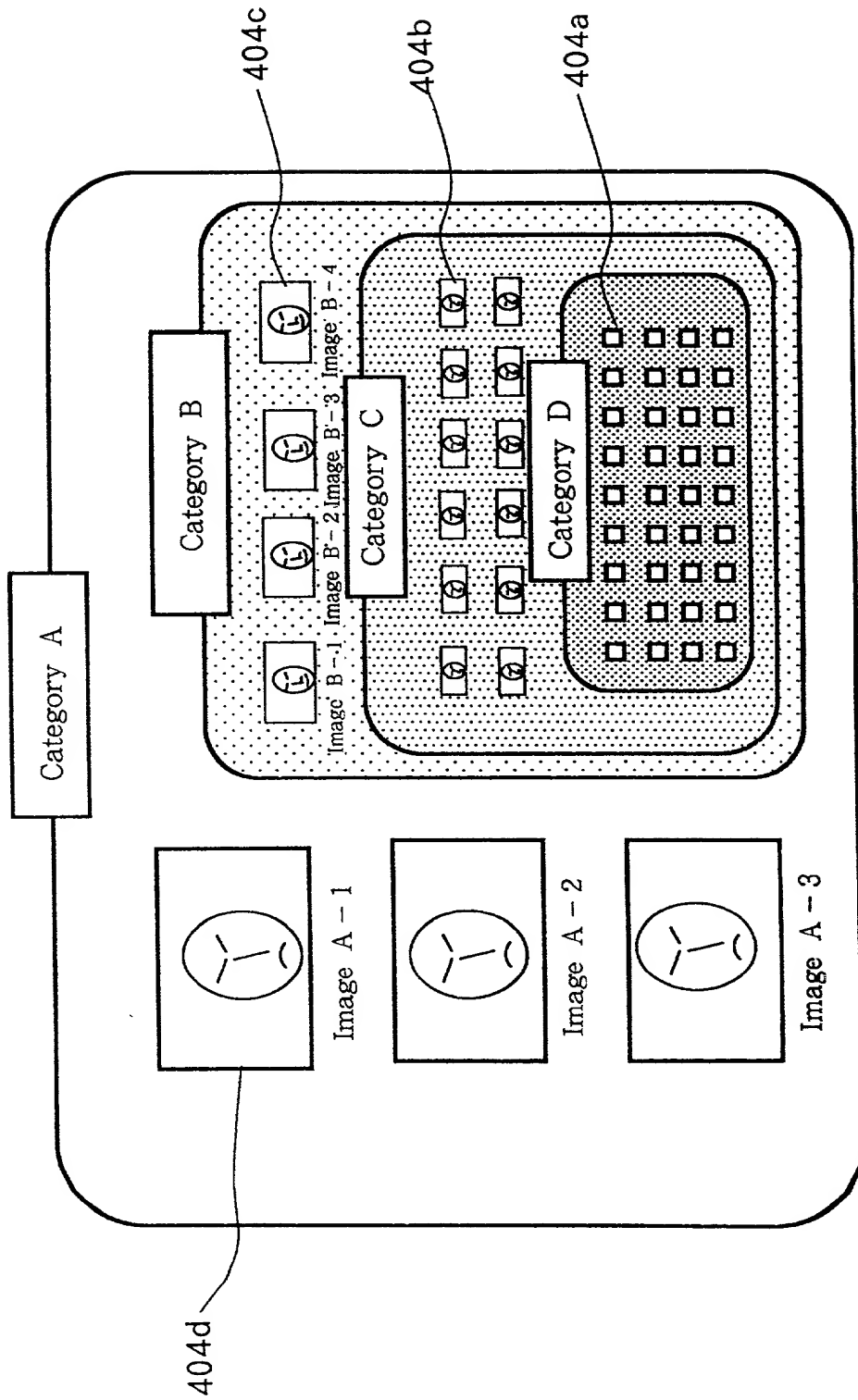


FIG. 52

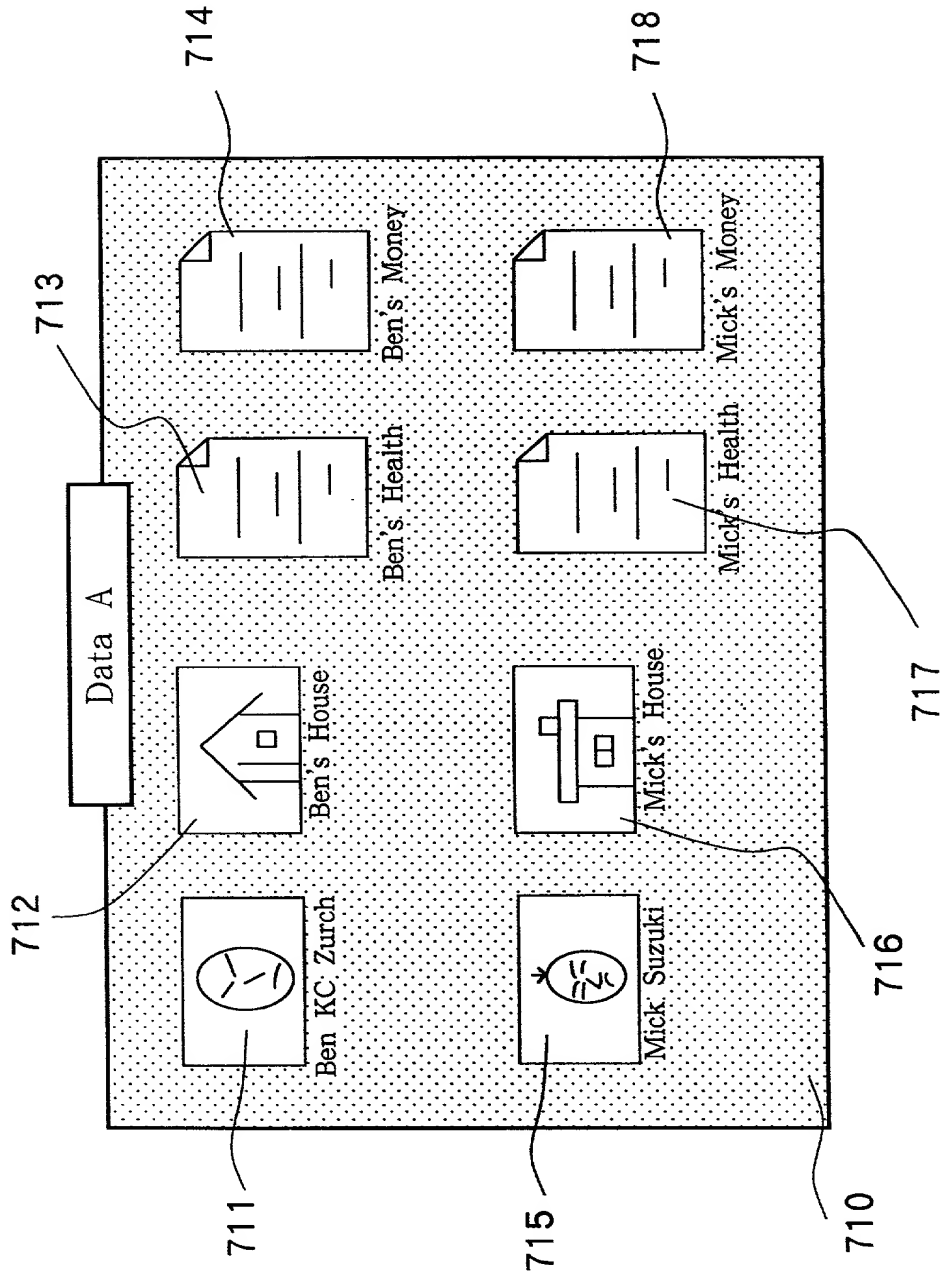


FIG. 53A

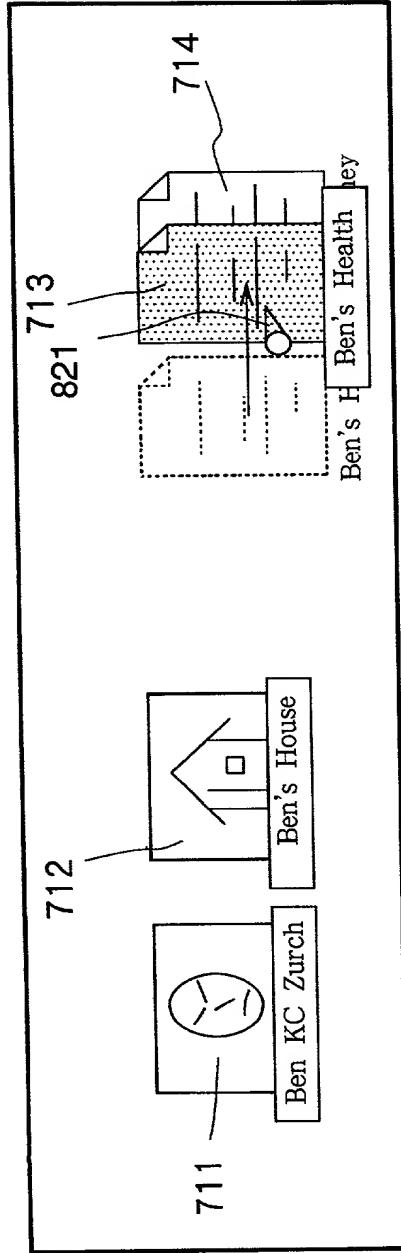


FIG. 53B

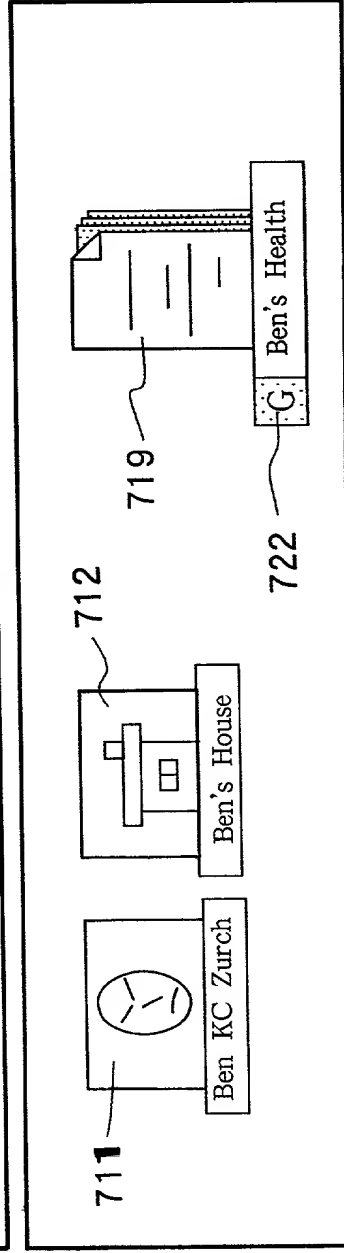


FIG. 53C

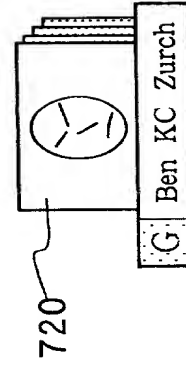


FIG. 54

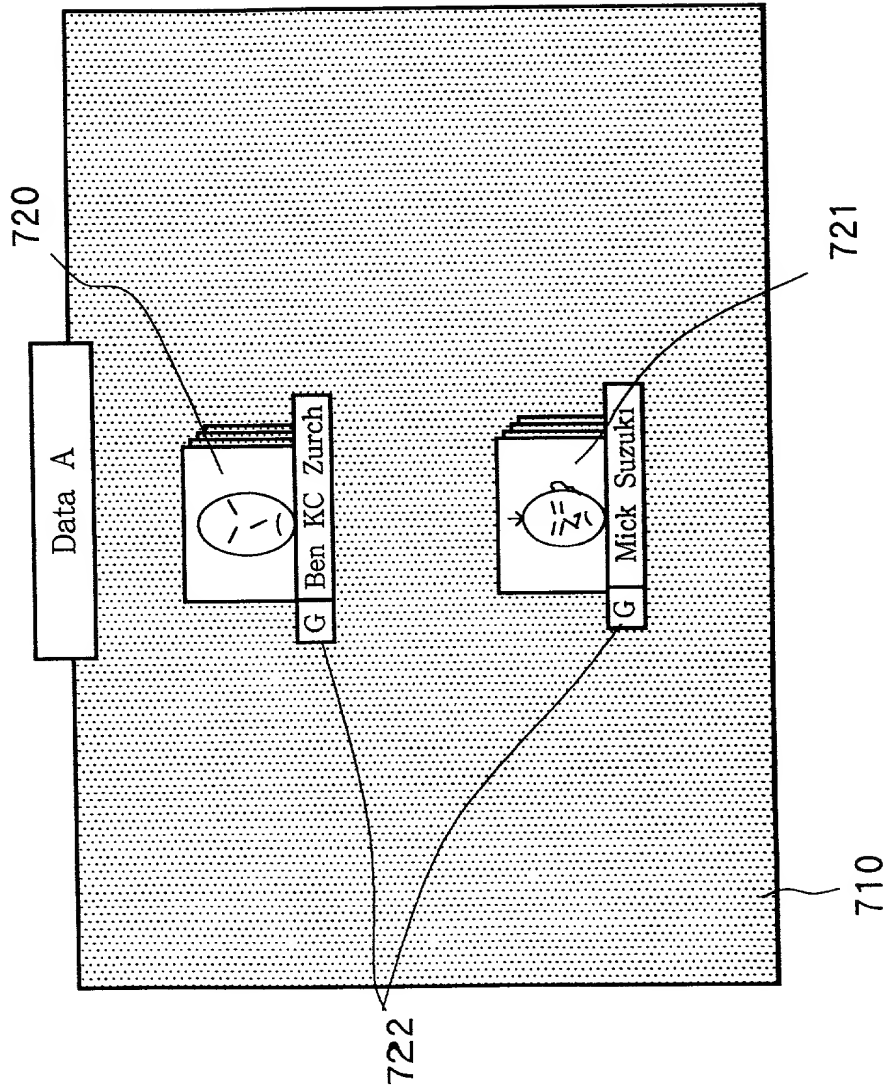


FIG. 55A

FIG. 55A FIG. 55B FIG. 55C FIG. 55D

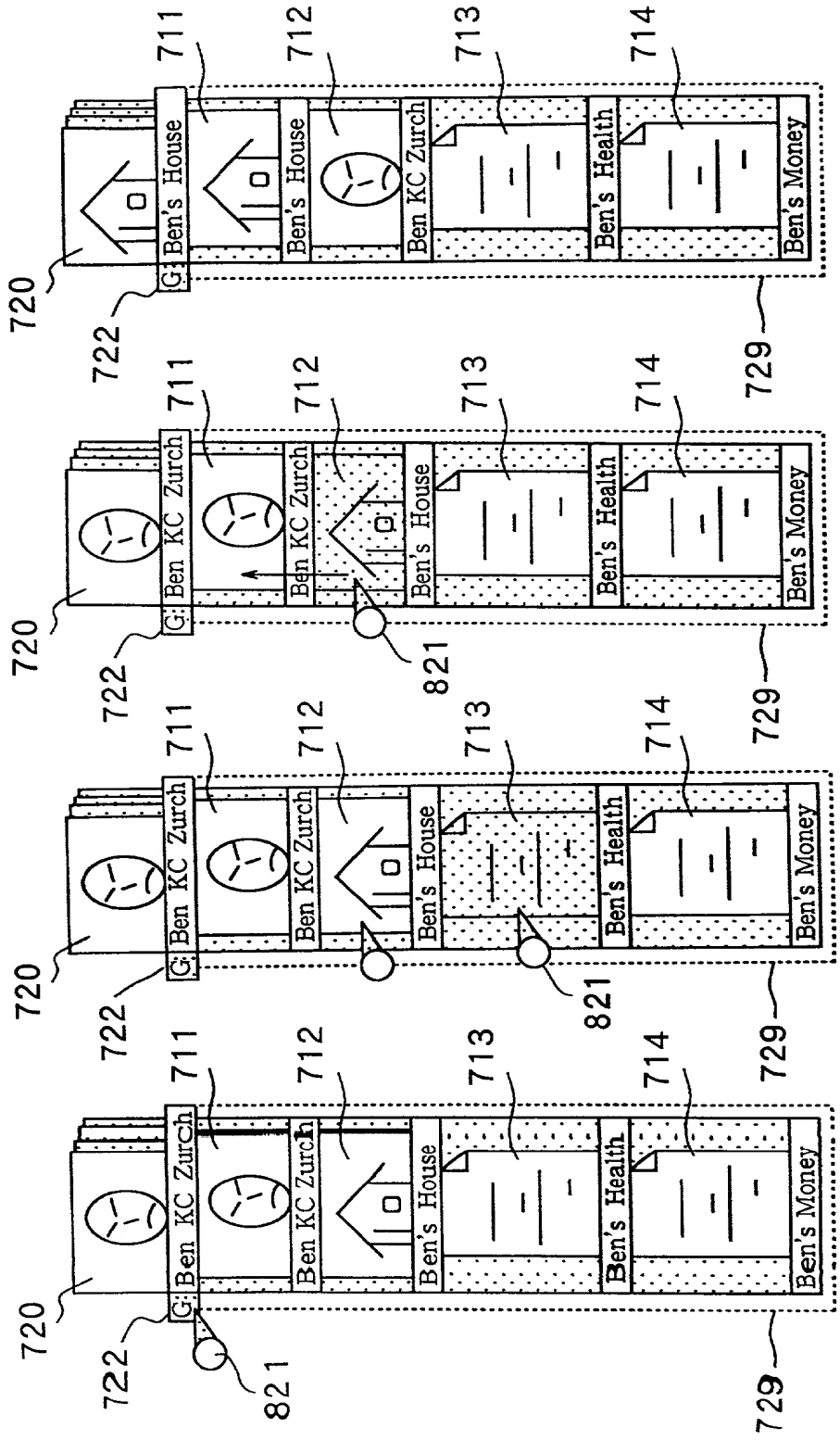


FIG. 56A

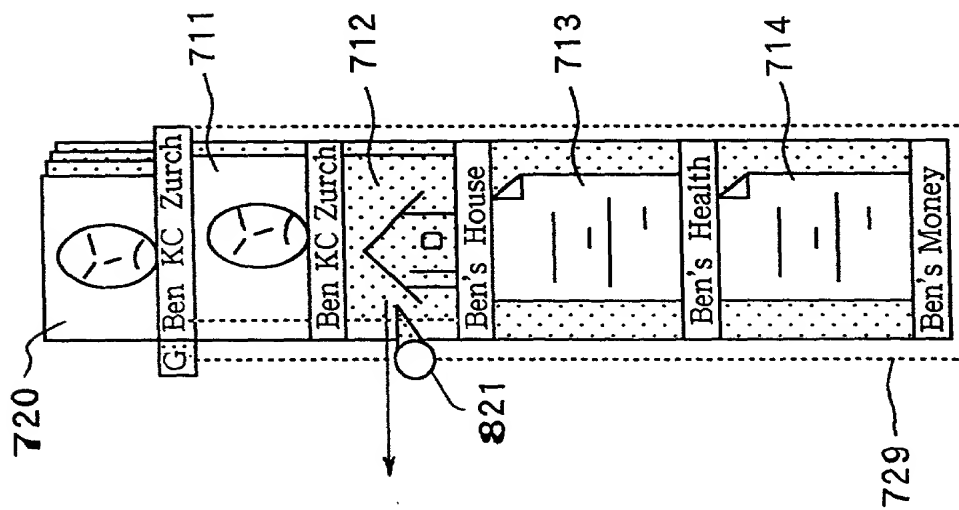


FIG. 56B

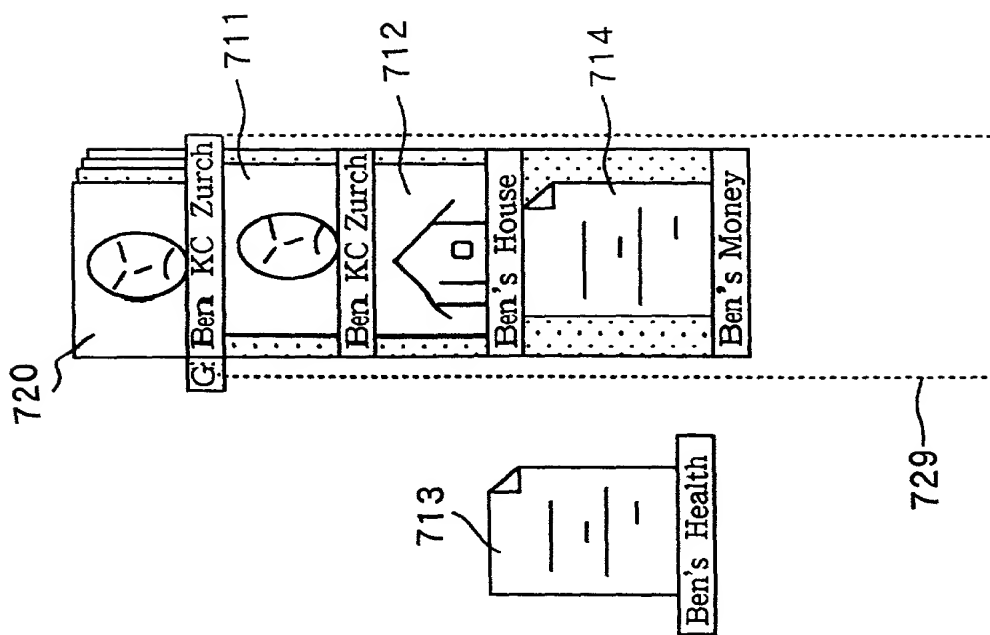


FIG. 57

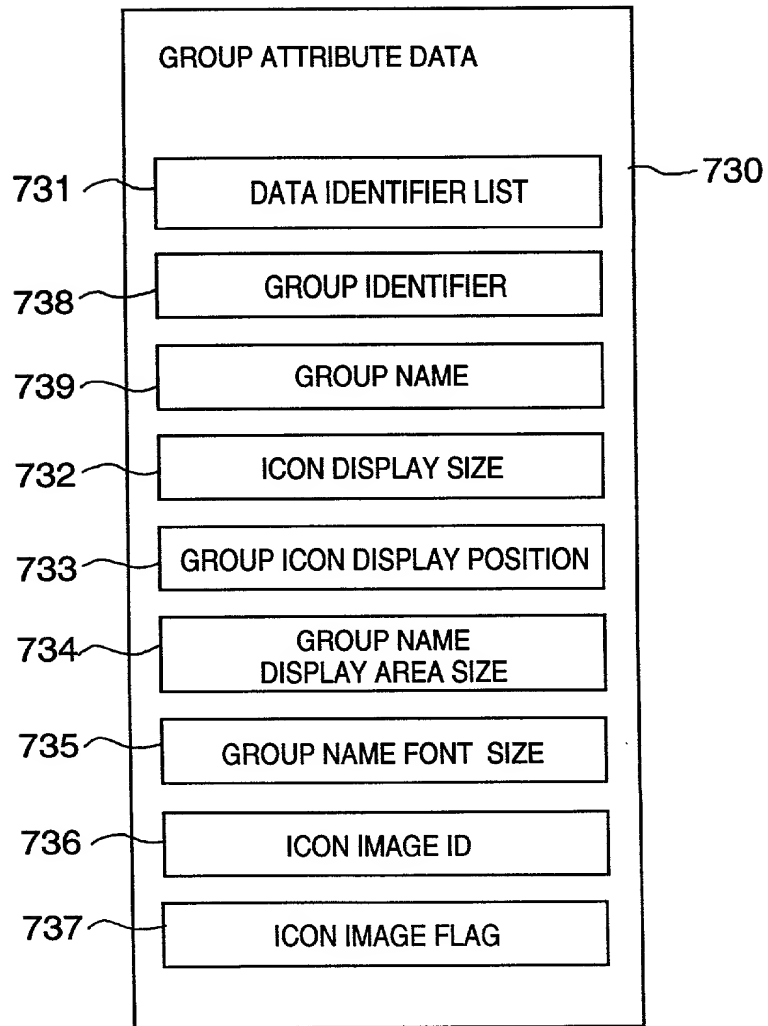


FIG. 58

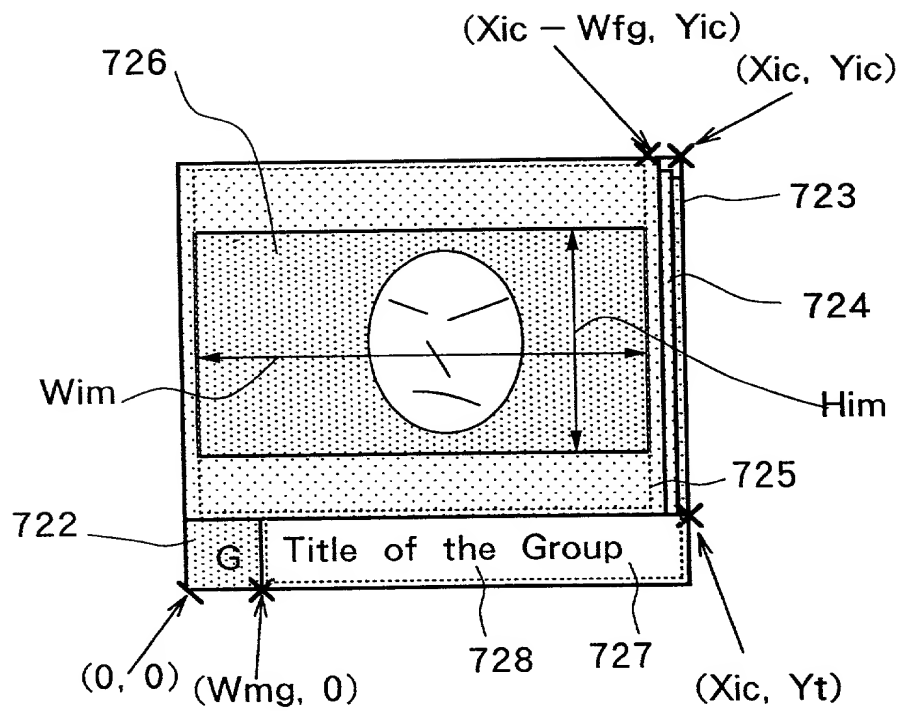




FIG. 59

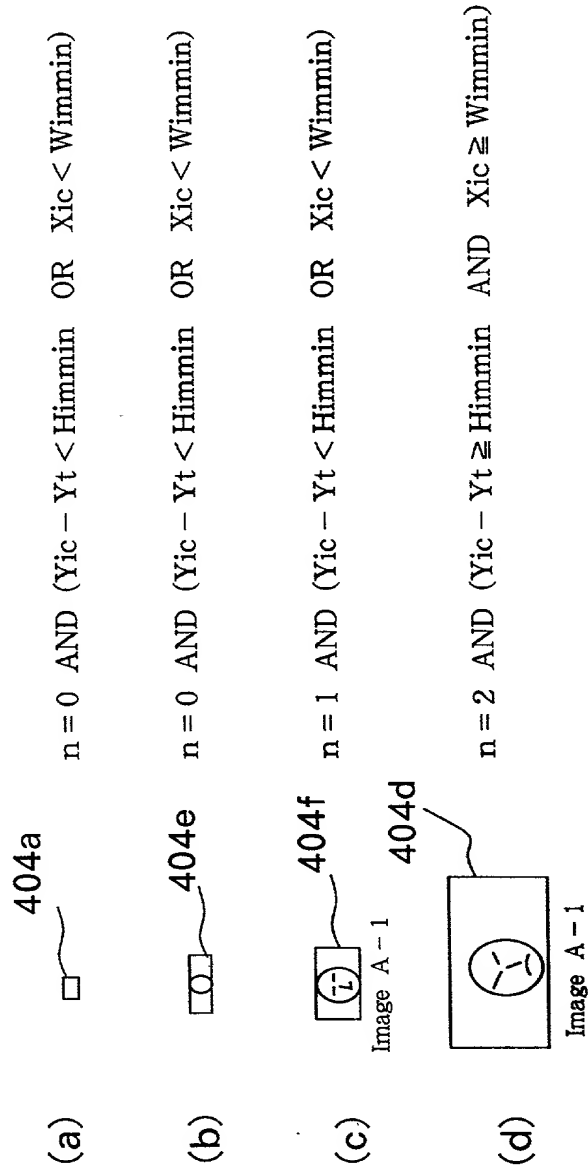


FIG. 60

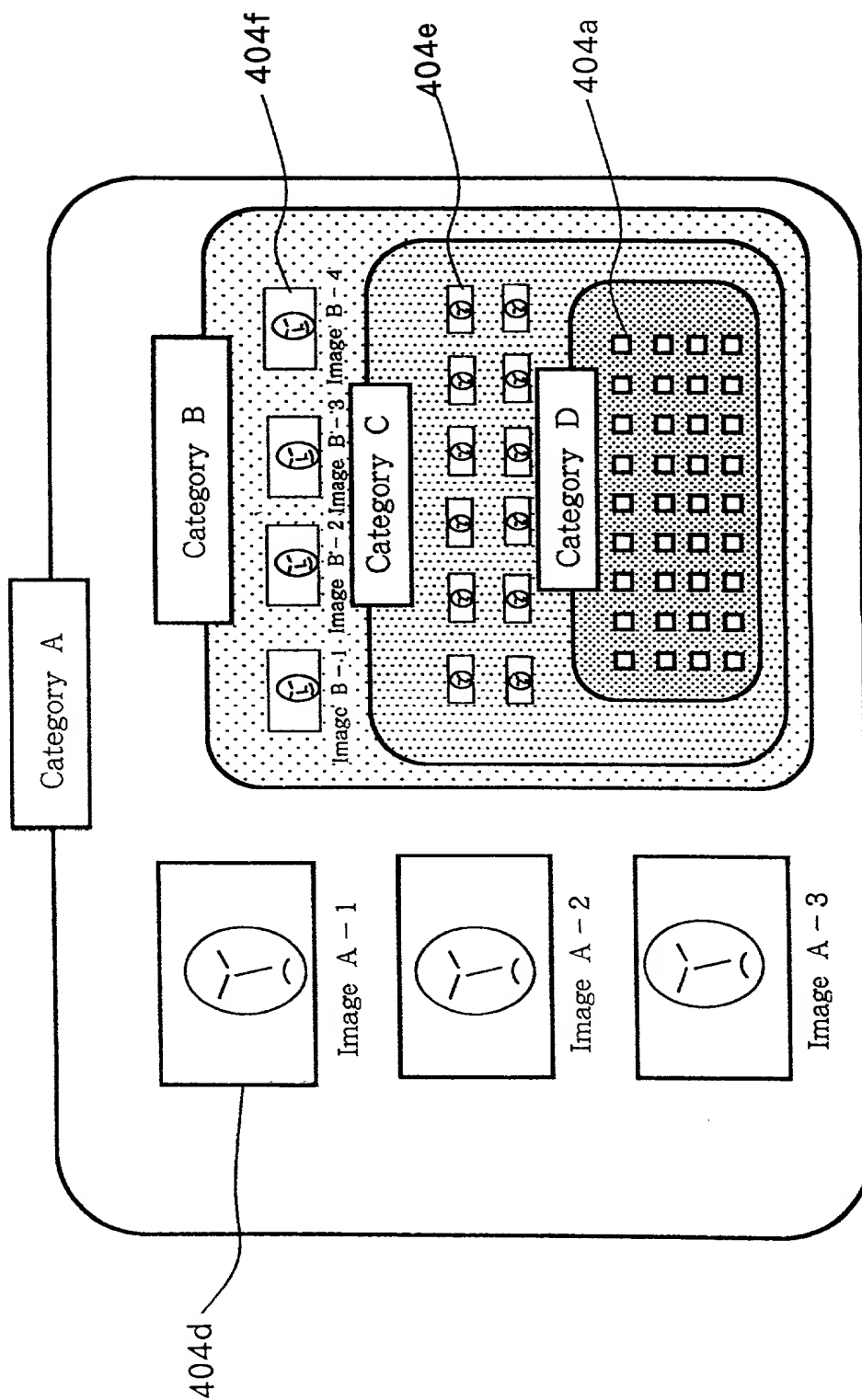


FIG. 61

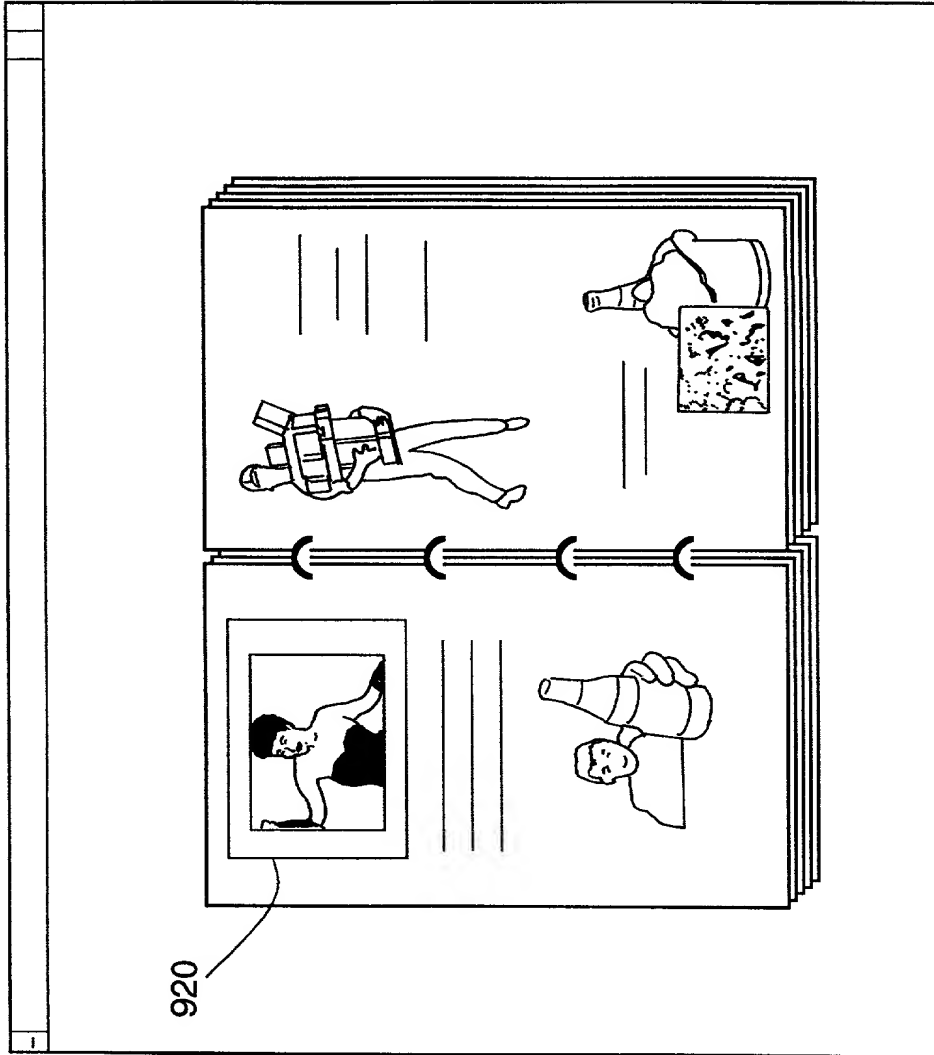


FIG. 62



FIG. 62

FIG. 63

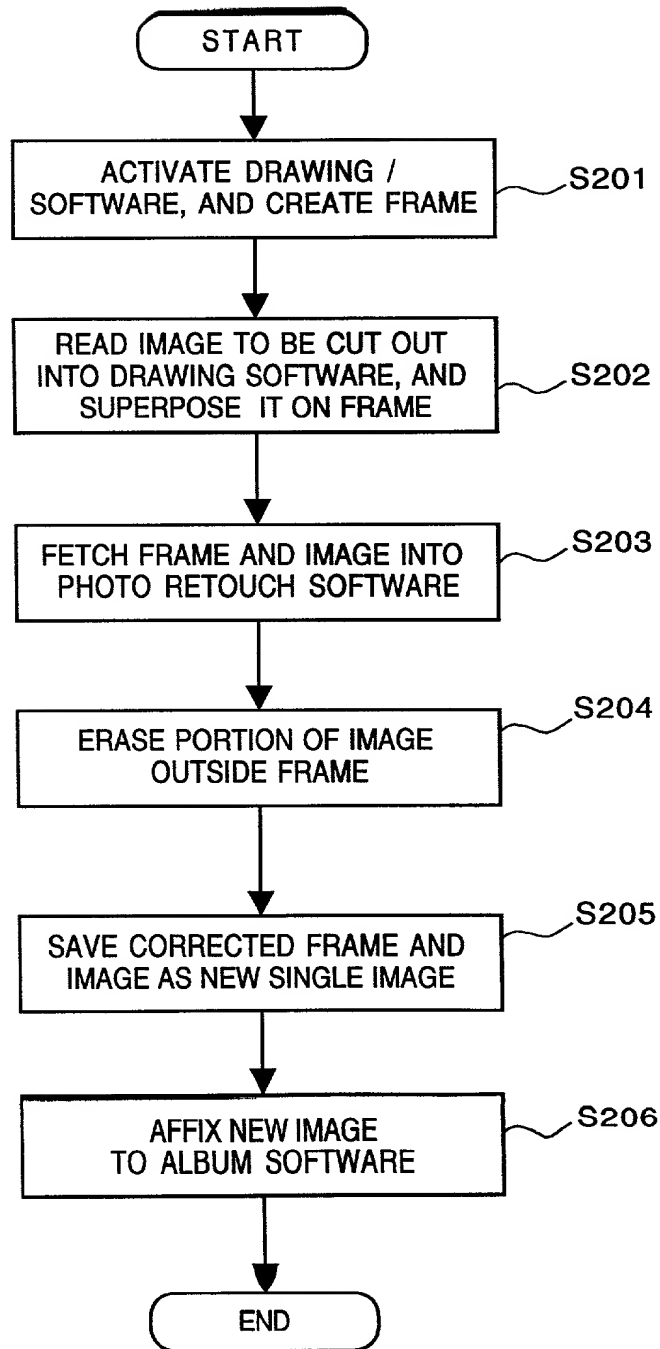


FIG. 64

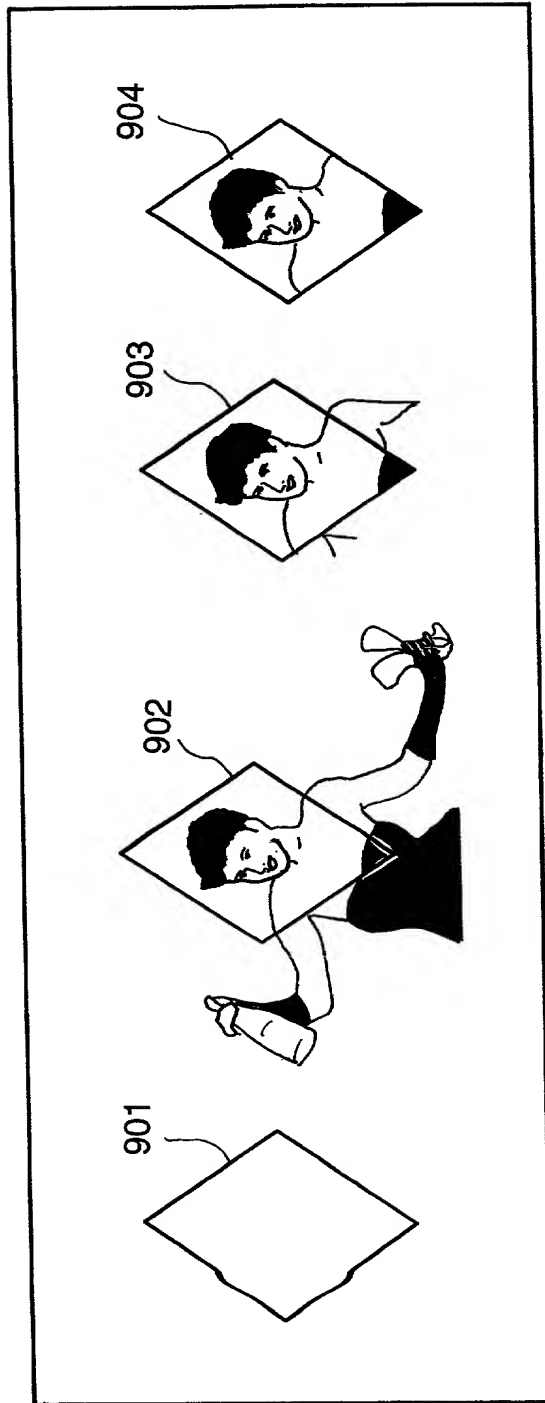


FIG. 65

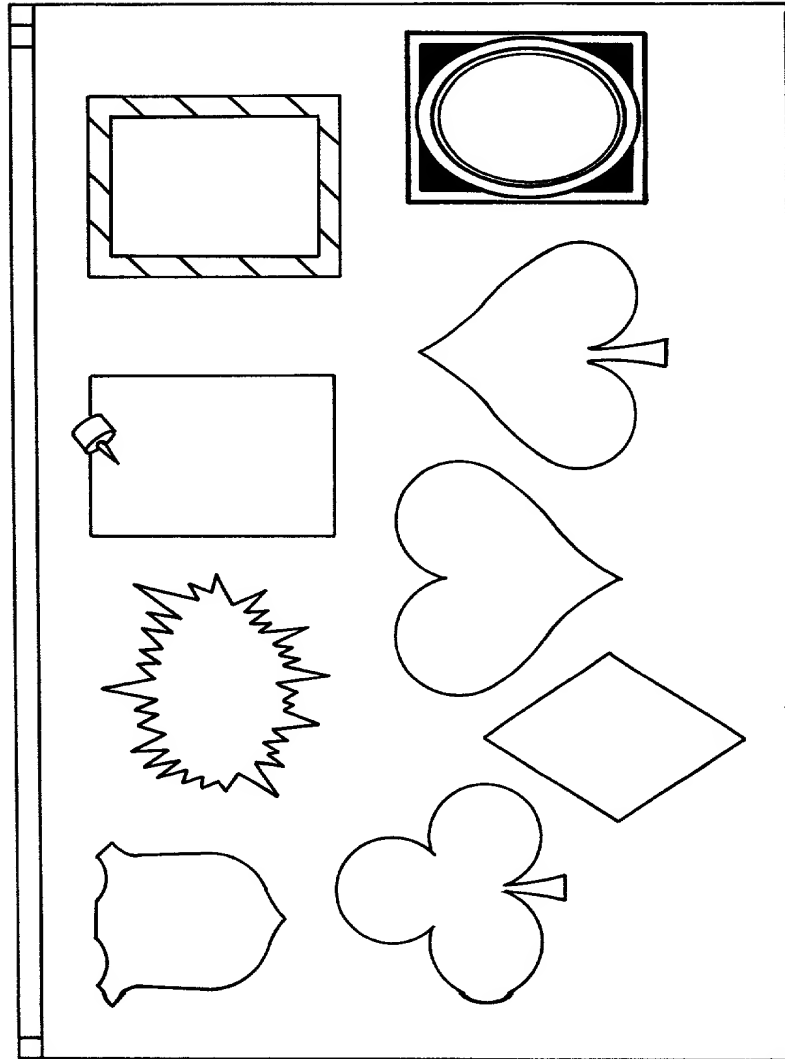


FIG. 66

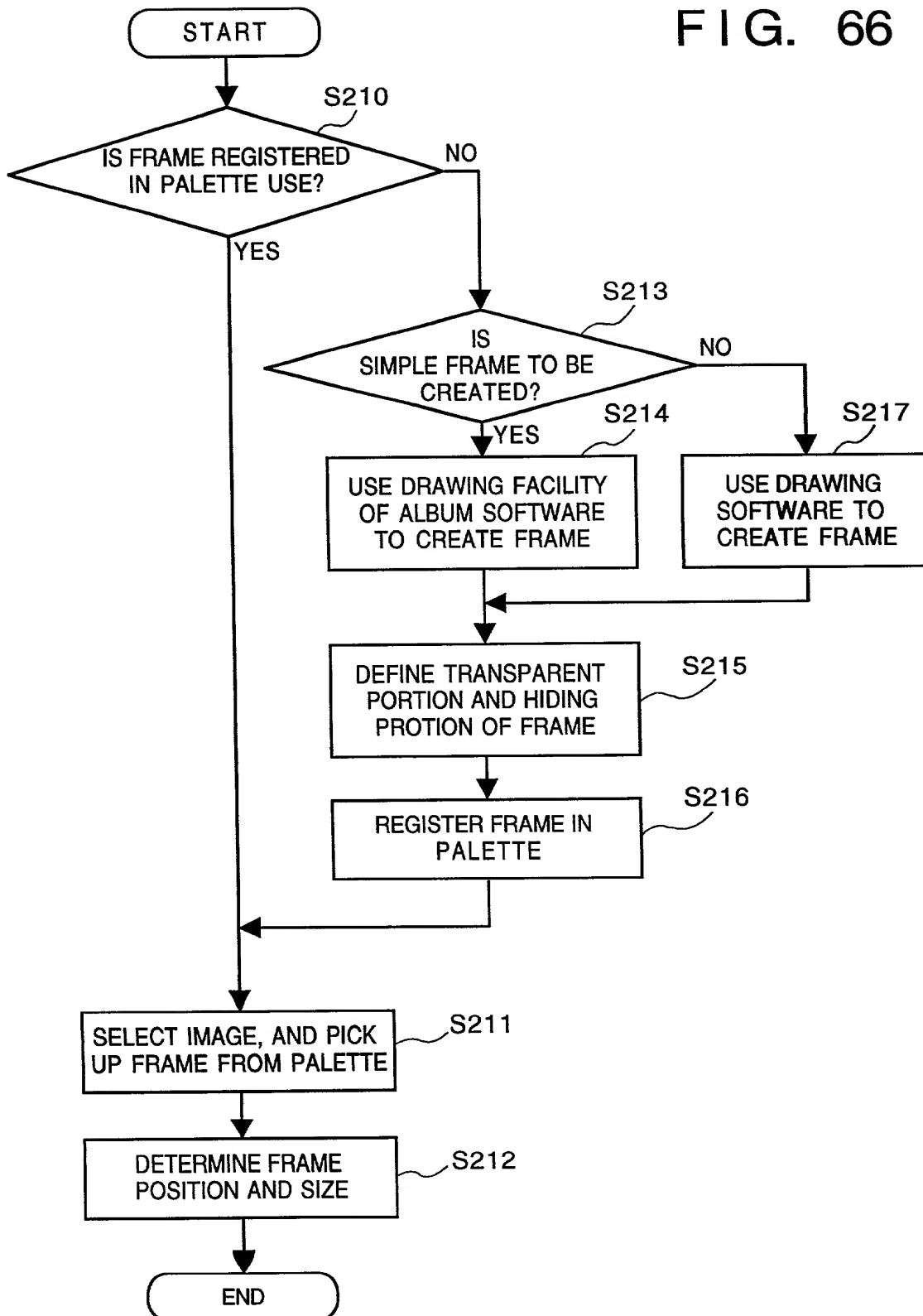




FIG. 67

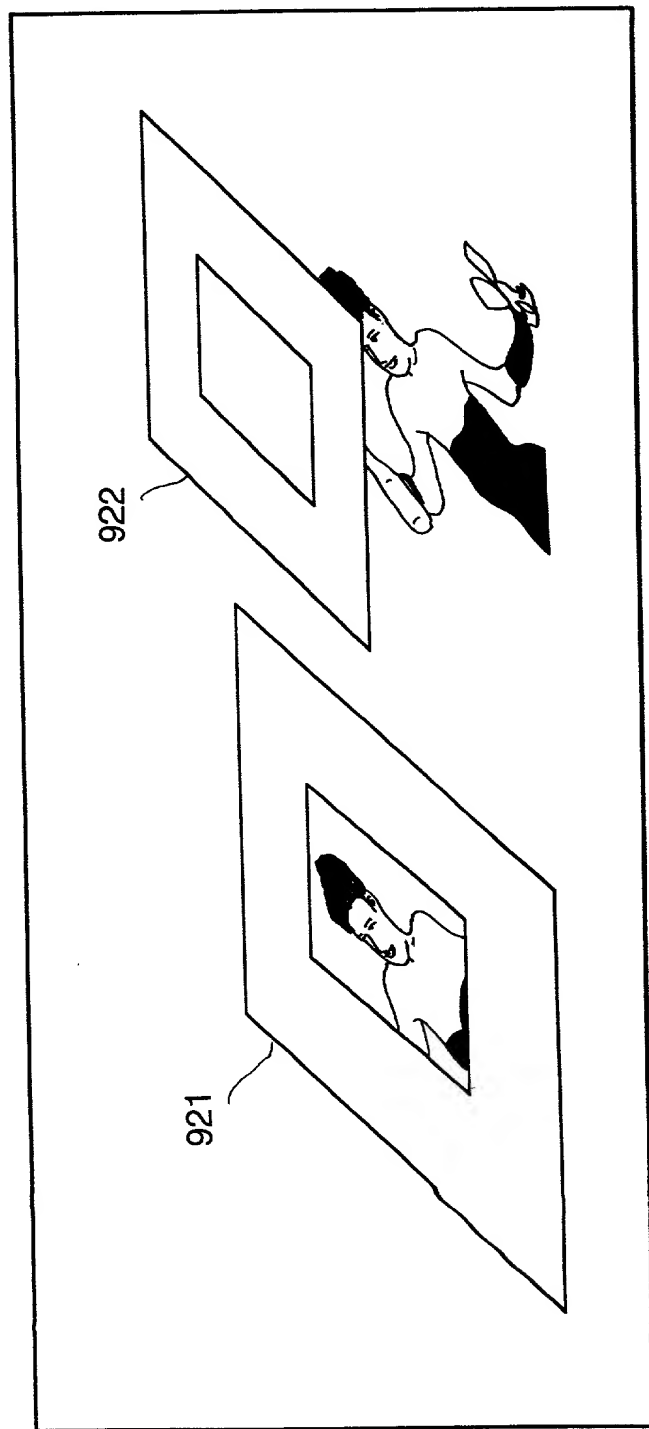


FIG. 68

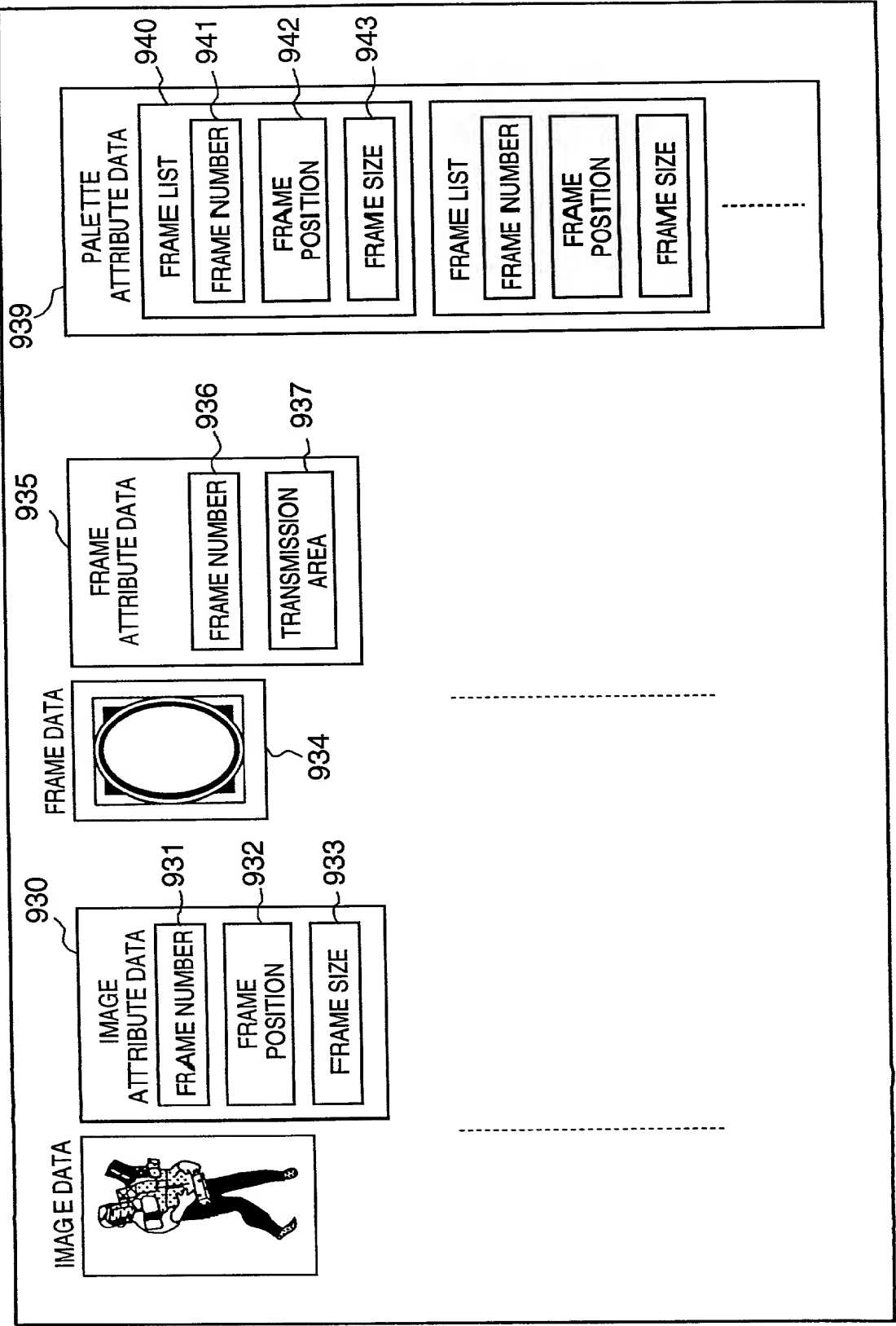


FIG. 69

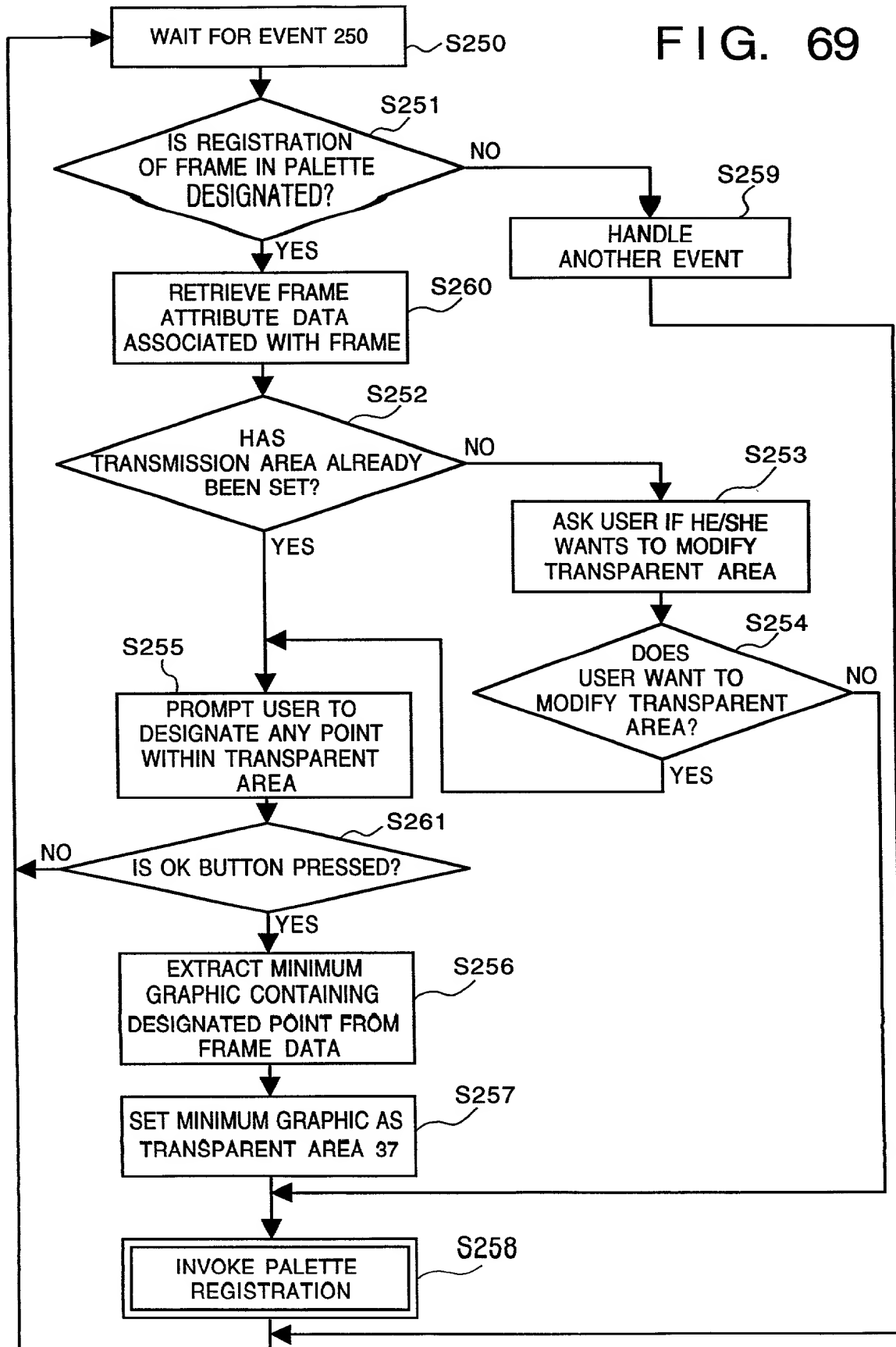


FIG. 70

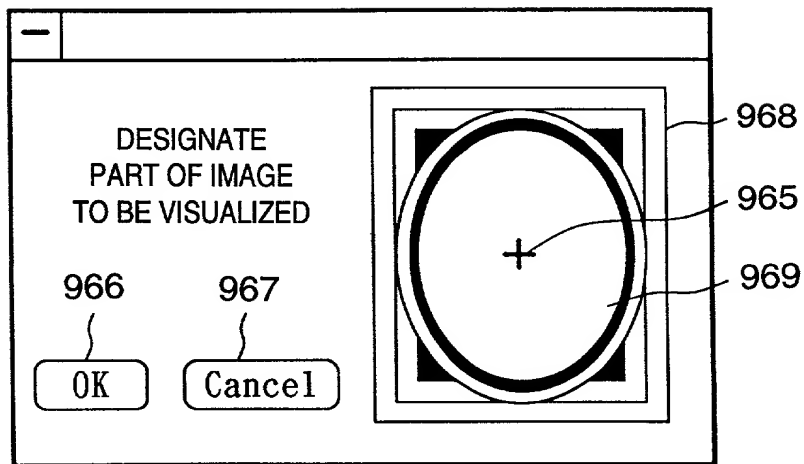


FIG. 71

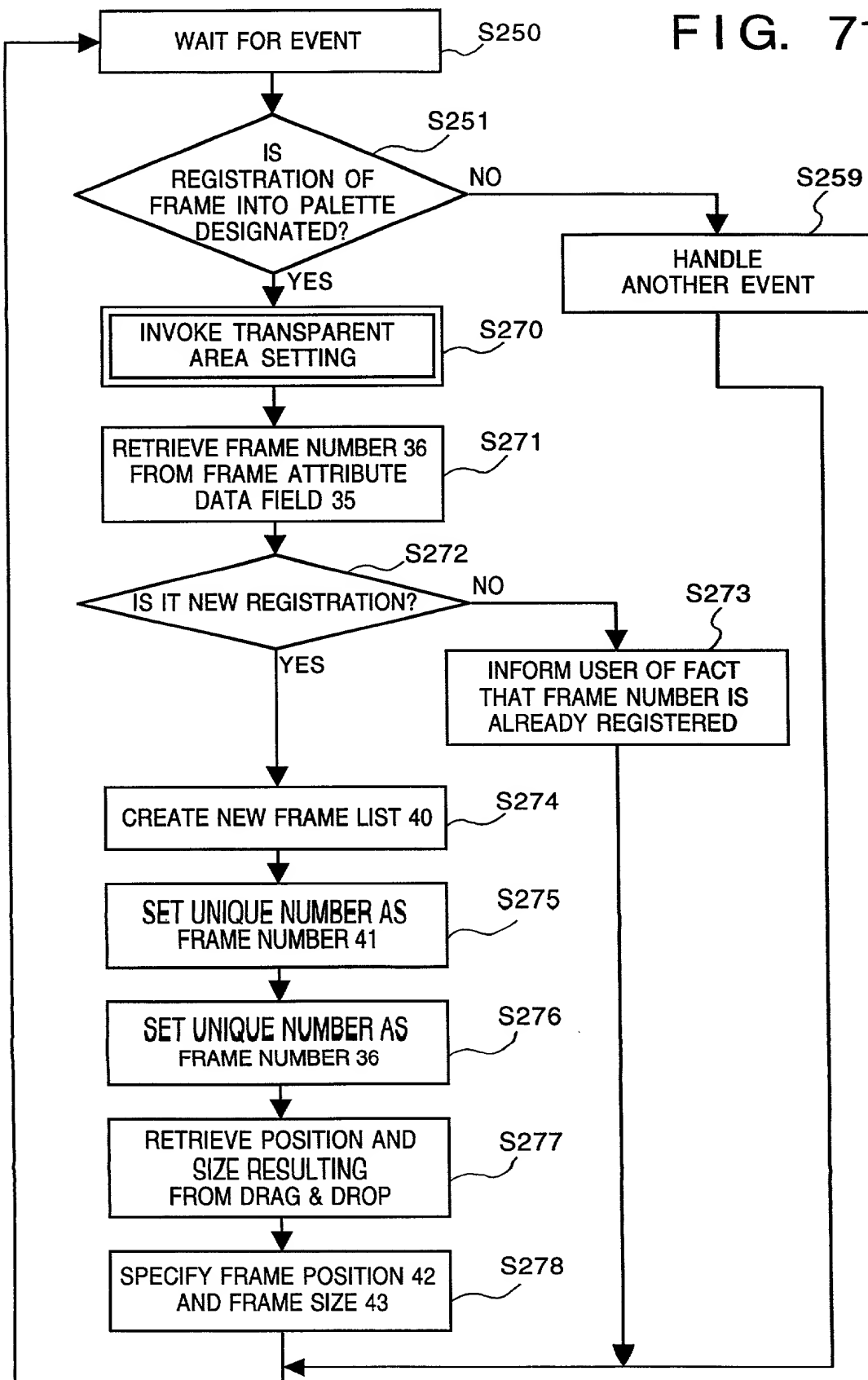


FIG. 72A

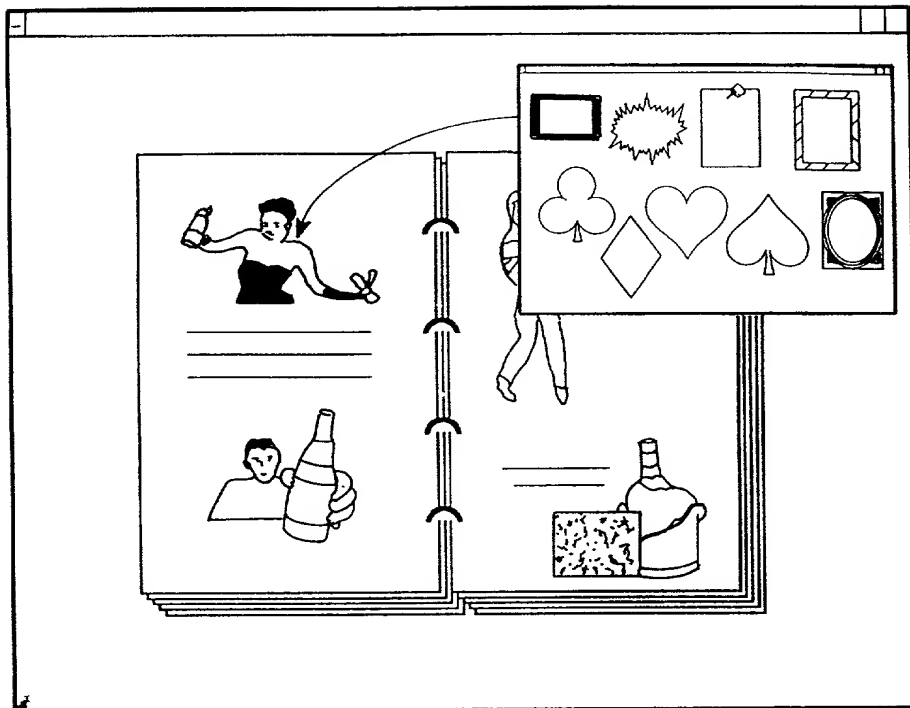


FIG. 72B

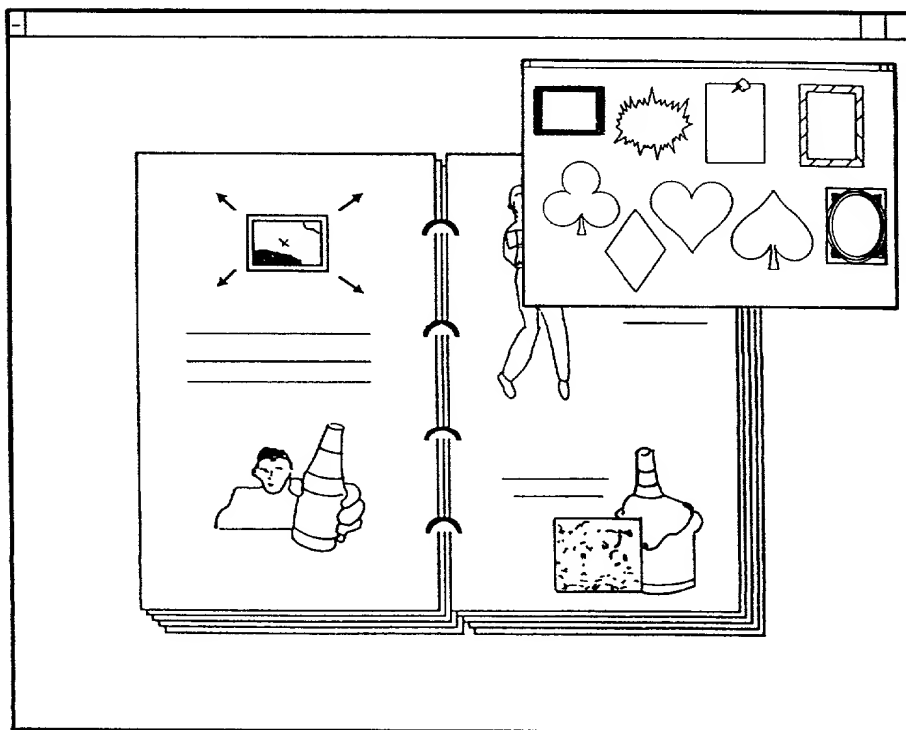


FIG. 73

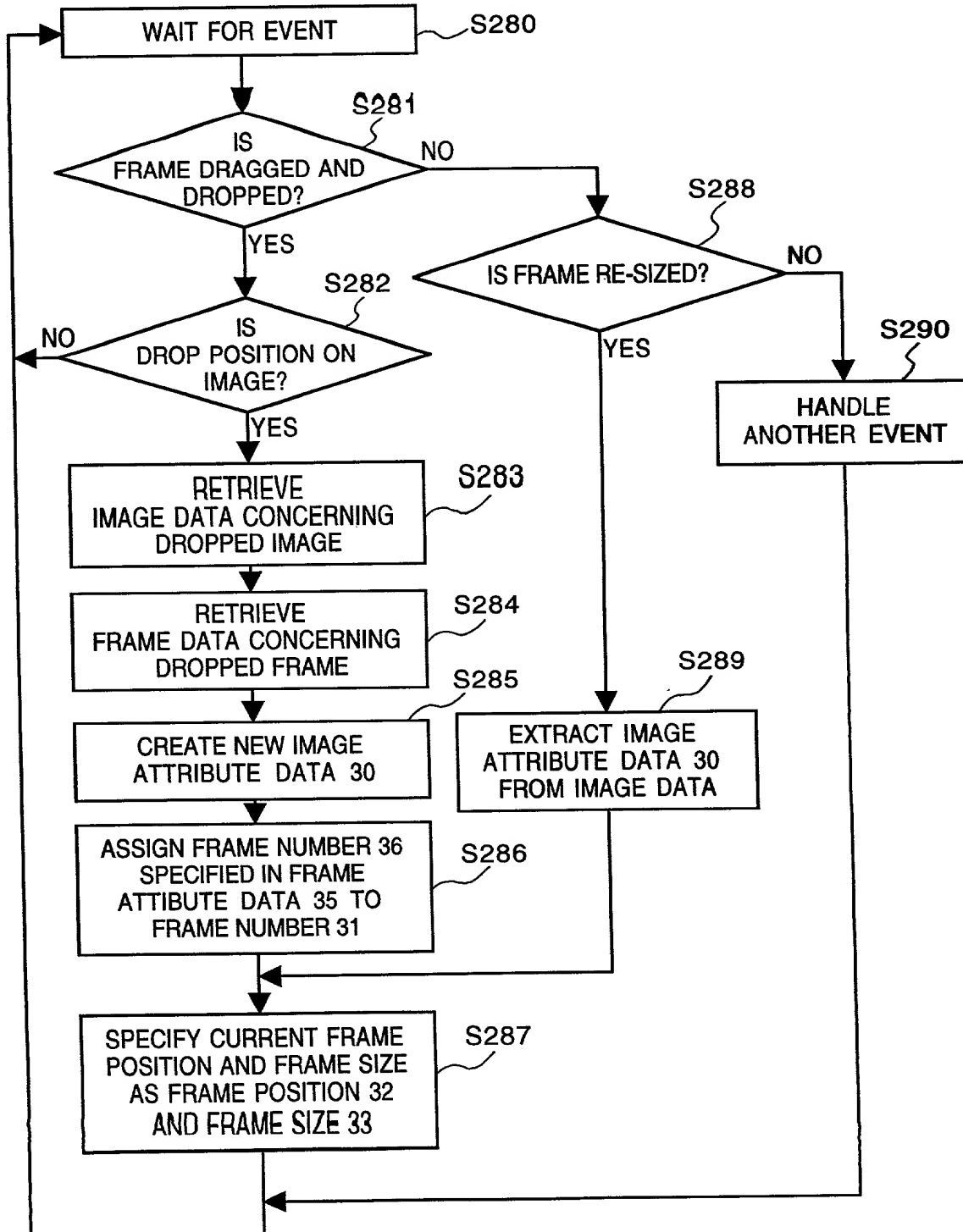


FIG. 74

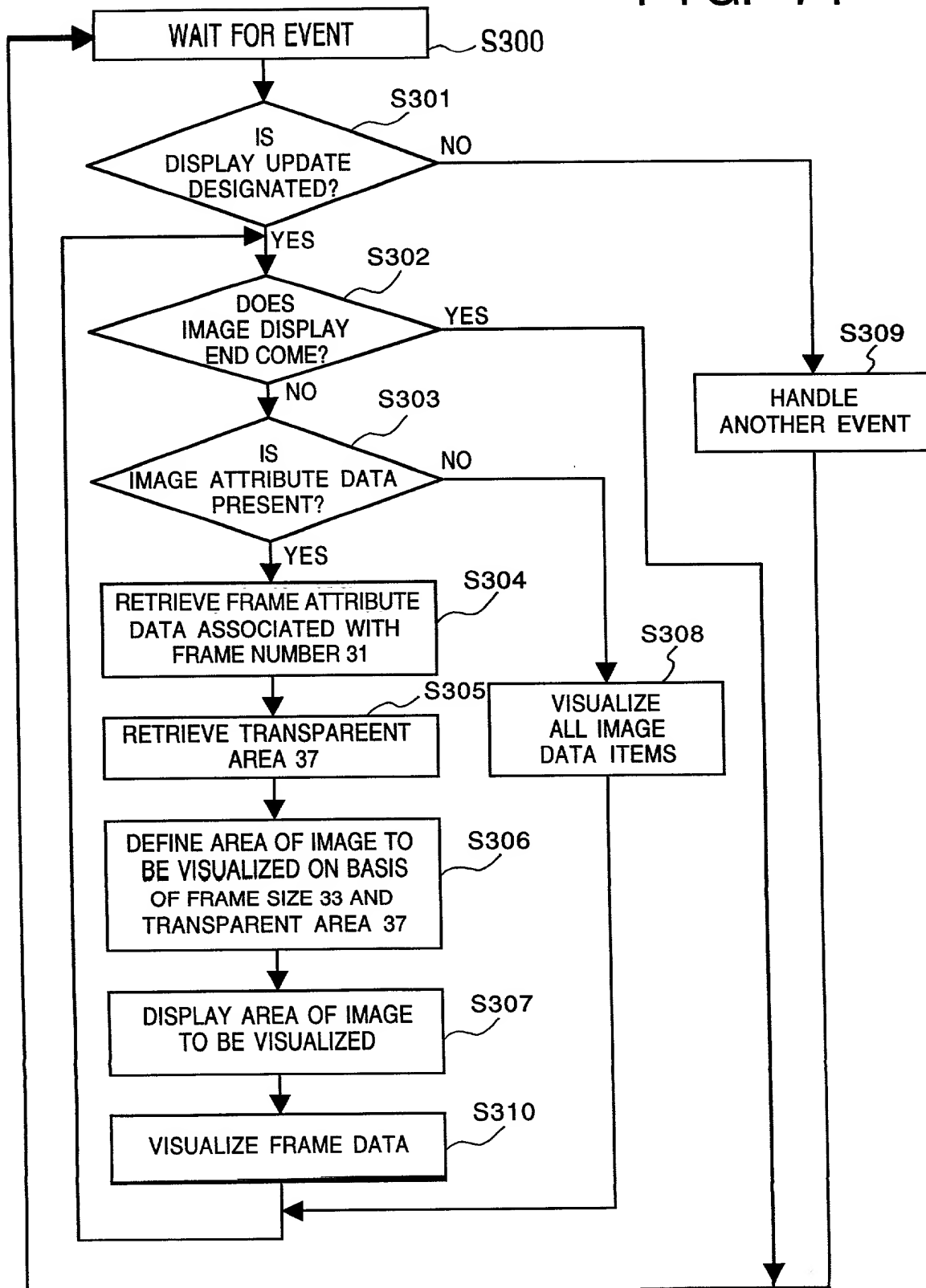




FIG. 75

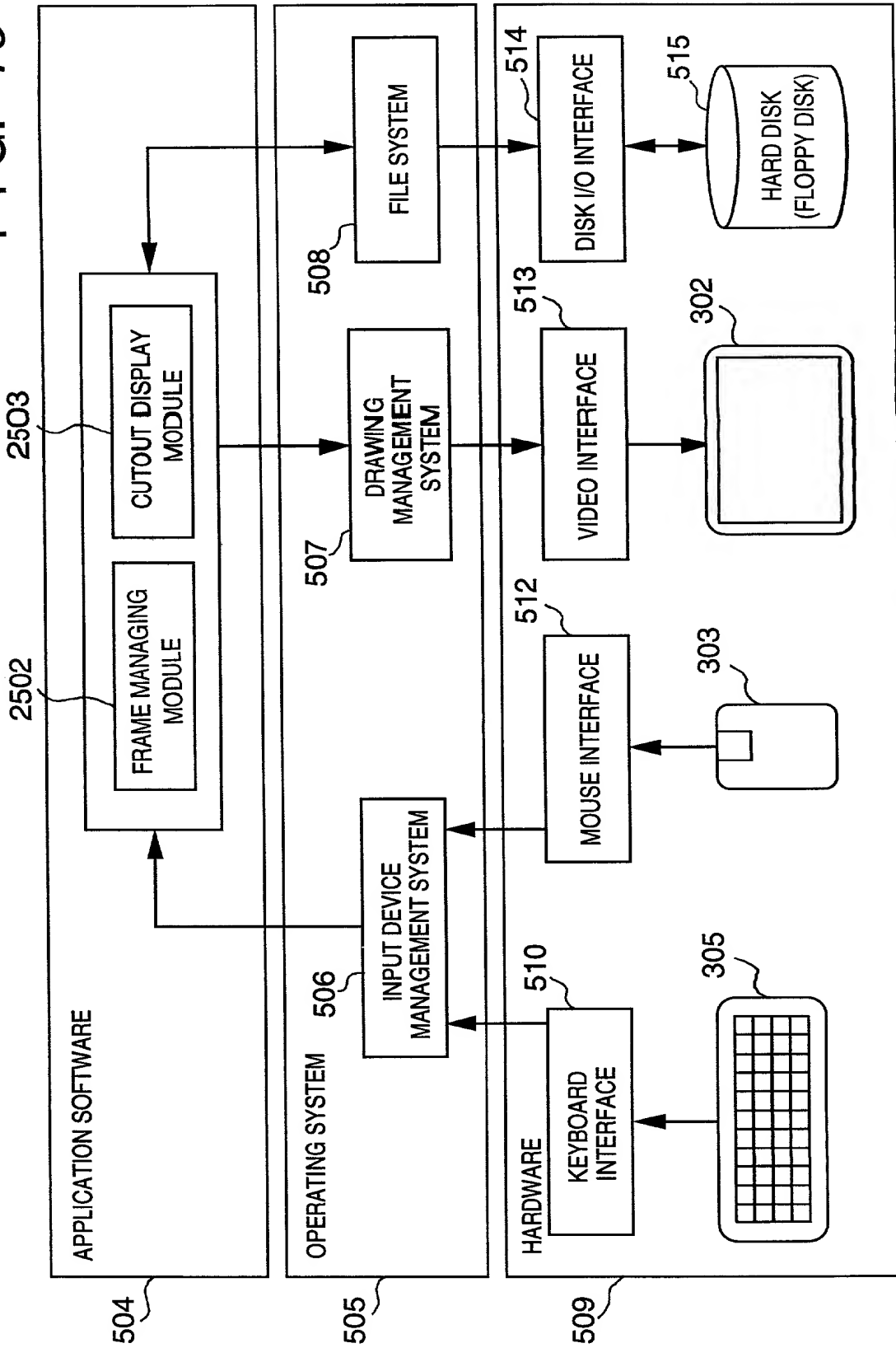


FIG. 76A

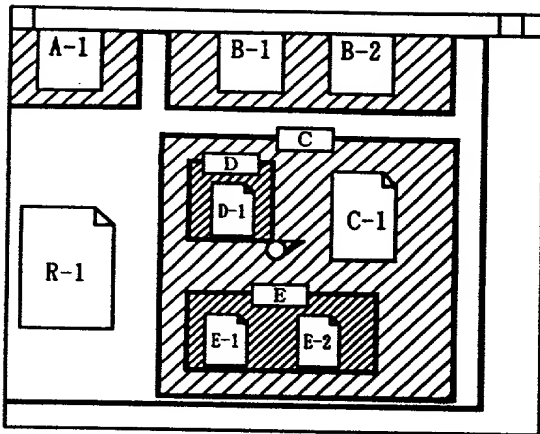


FIG. 76B

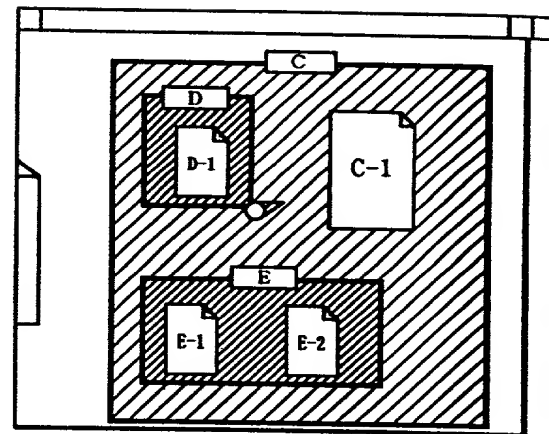


FIG. 76C

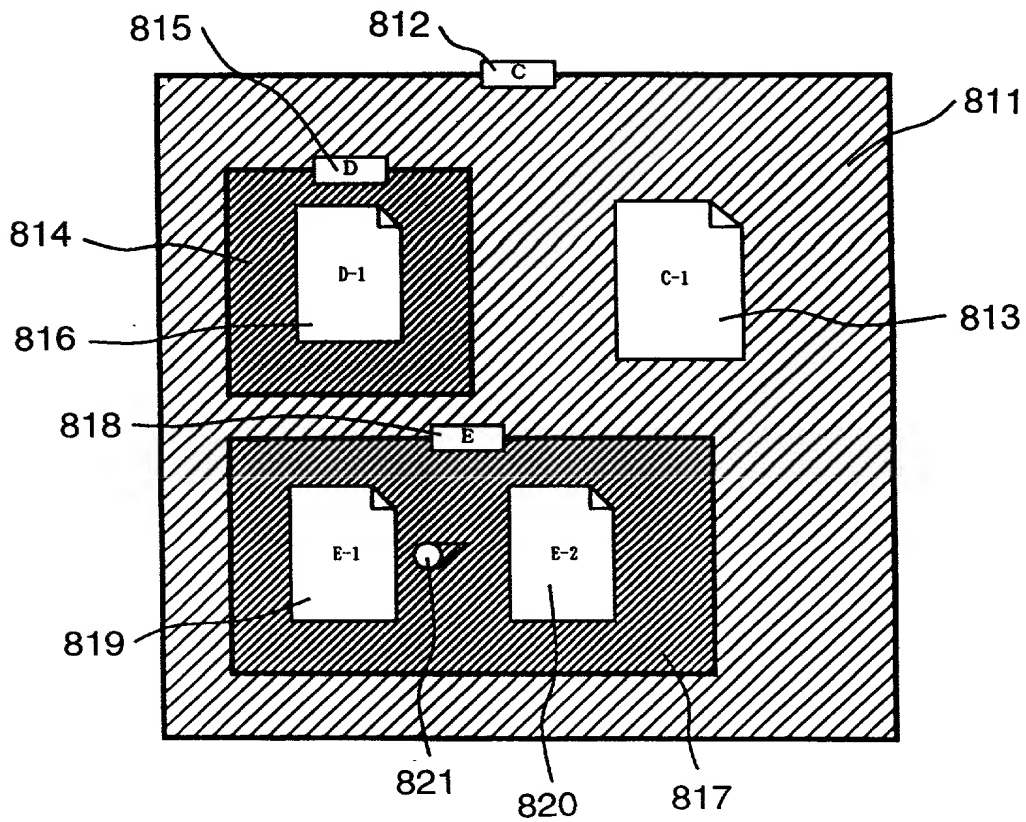


FIG. 77A

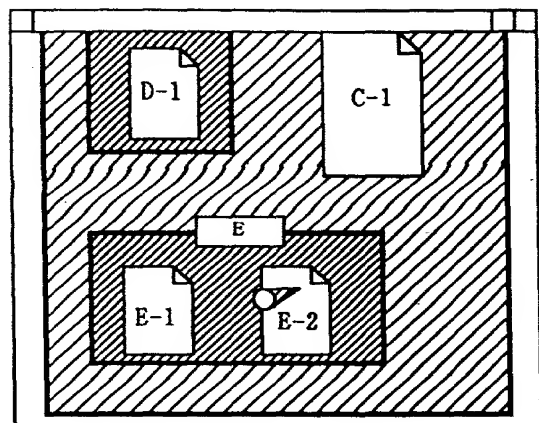


FIG. 77B

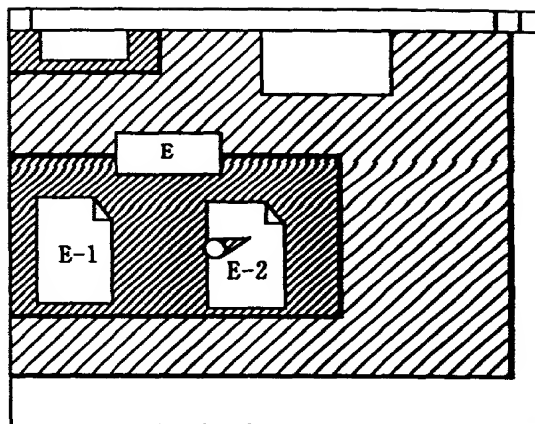


FIG. 77C

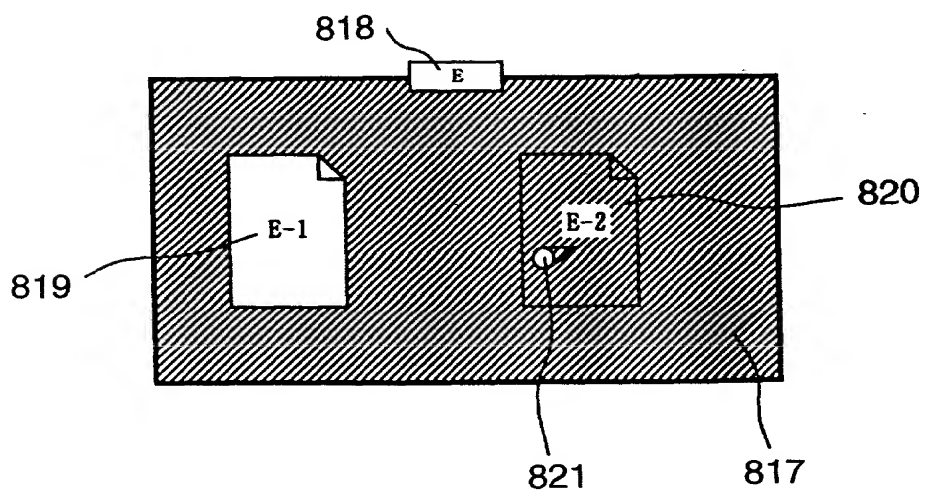


FIG. 78

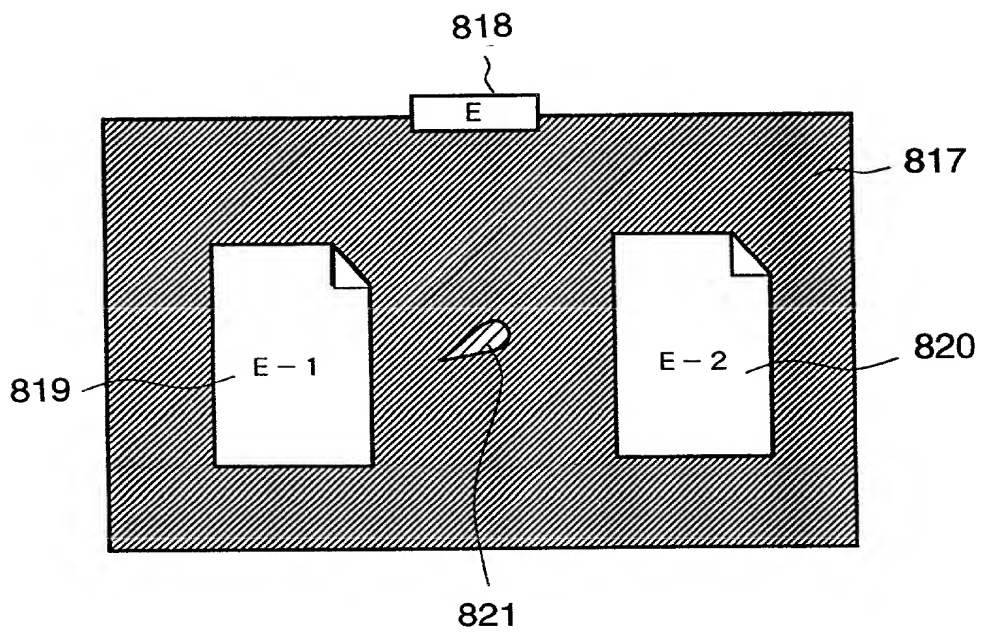


FIG. 79

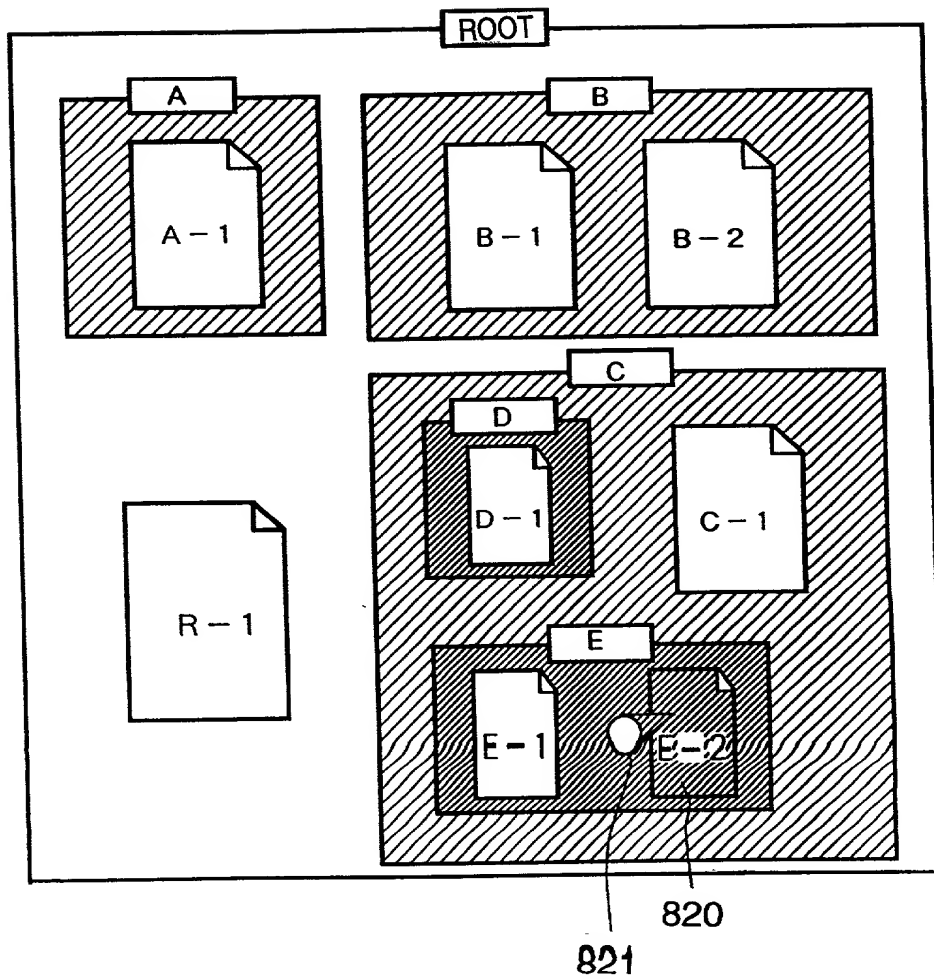


FIG. 80

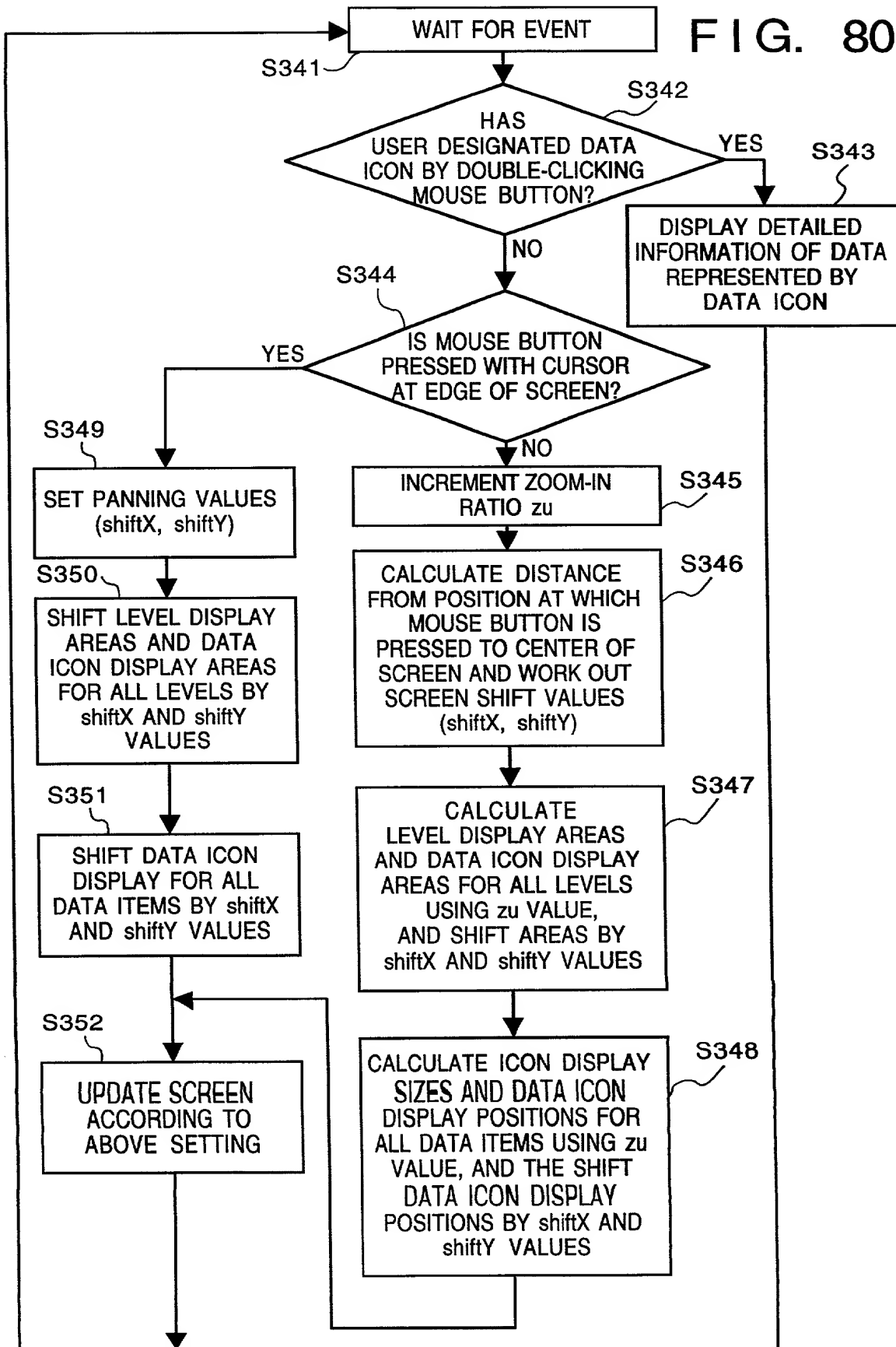


FIG. 81

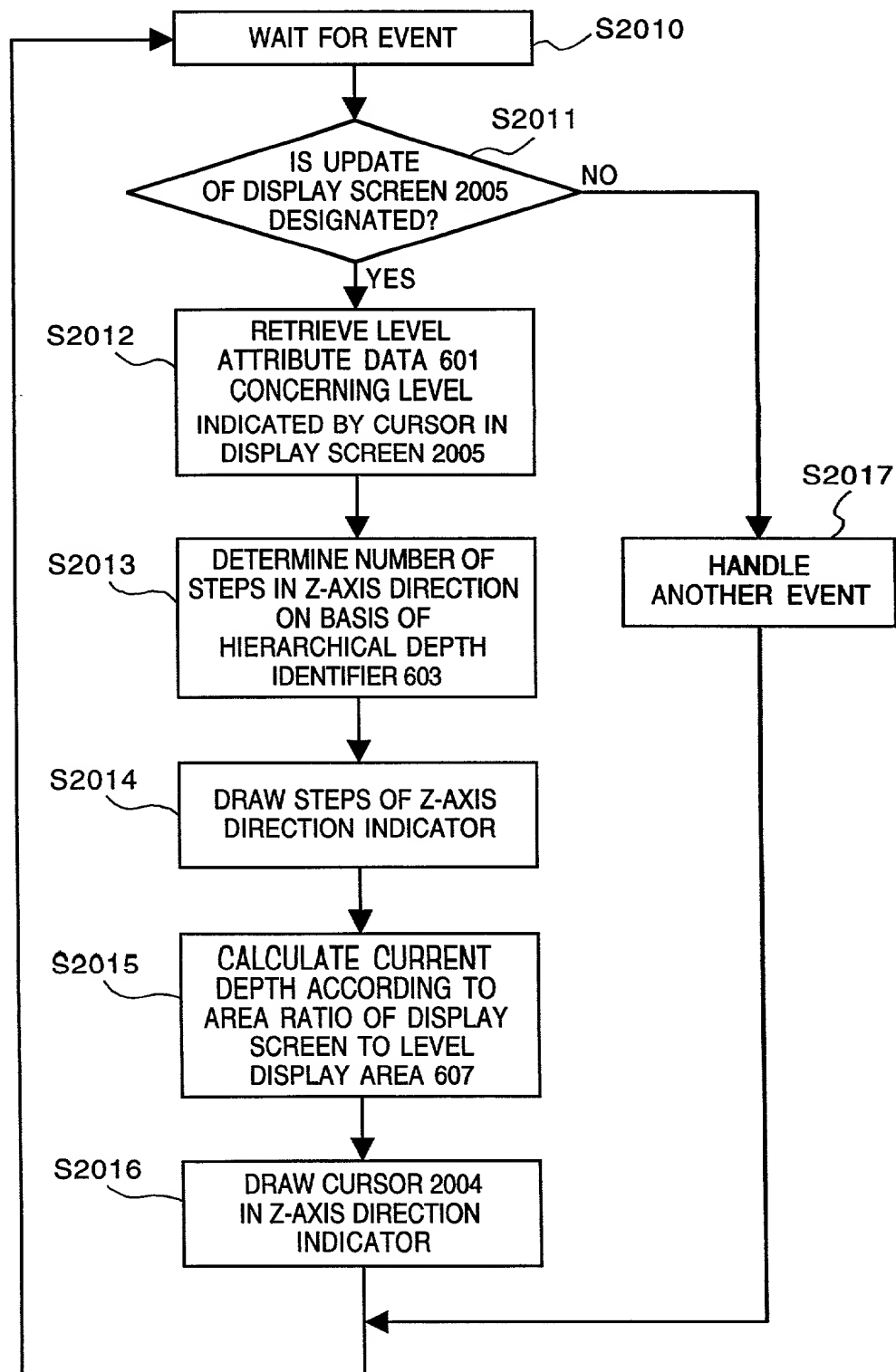


FIG. 82

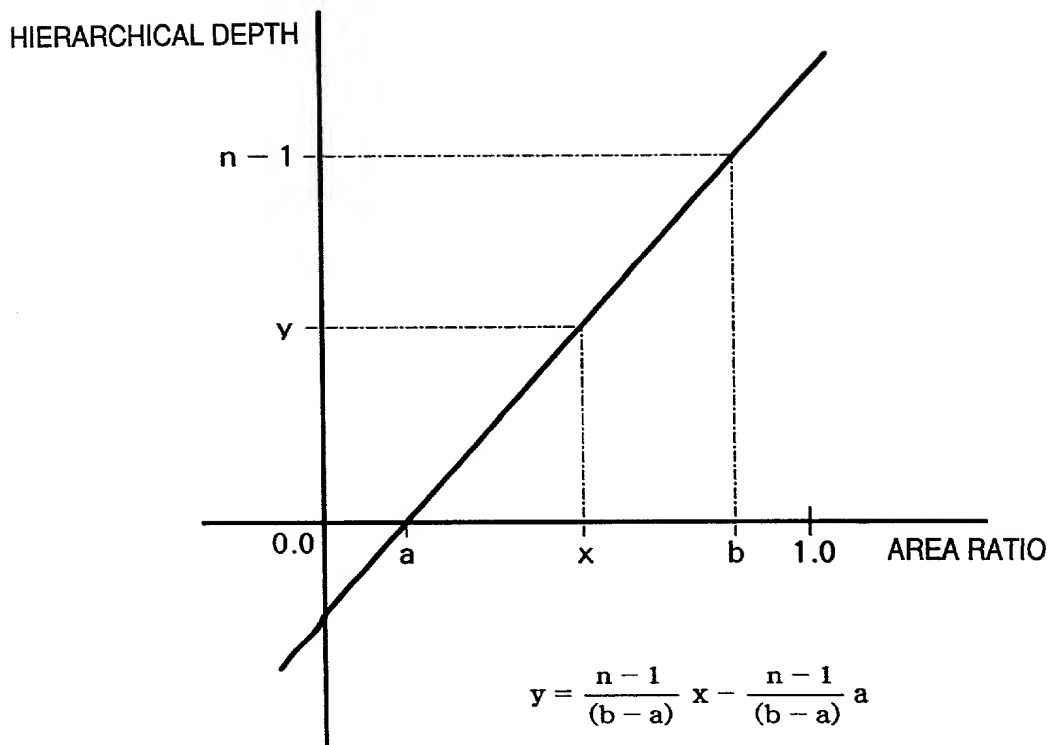




FIG. 83A

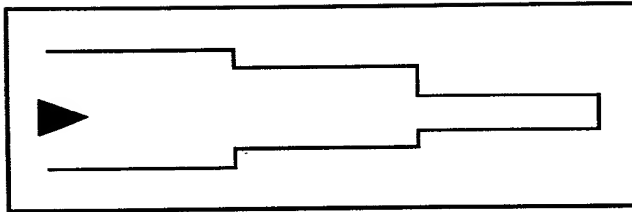


FIG. 83B

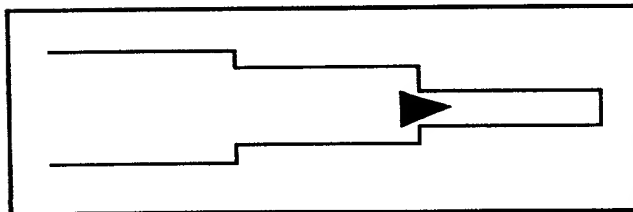


FIG. 84

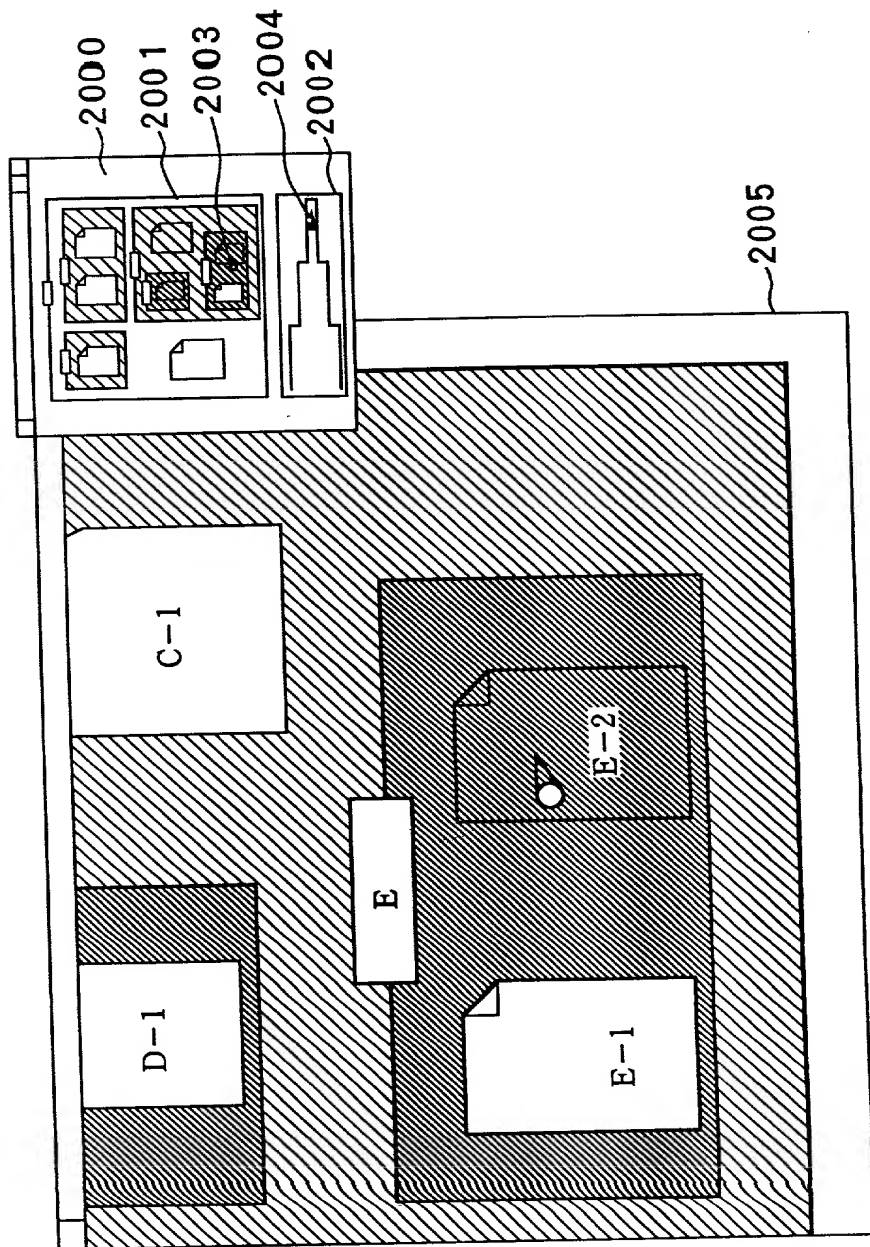


FIG. 85A

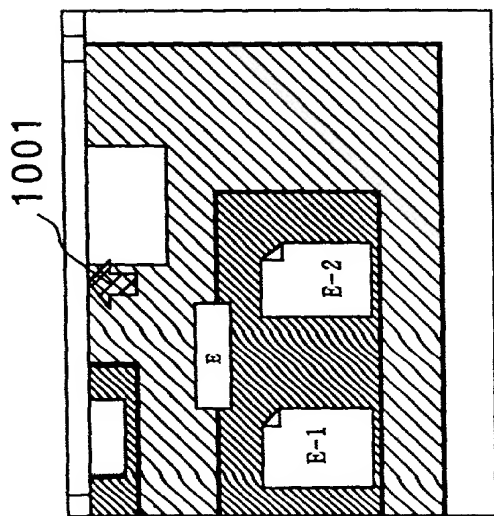


FIG. 85B

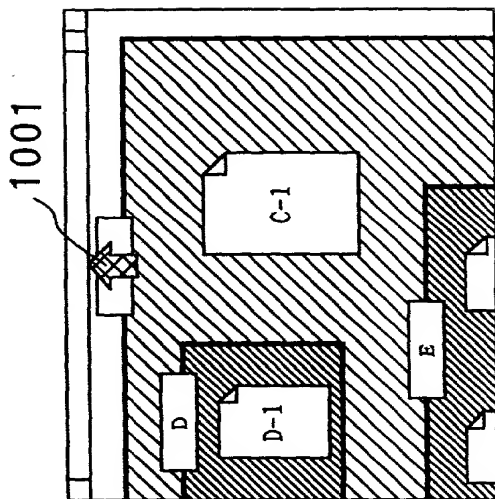


FIG. 86

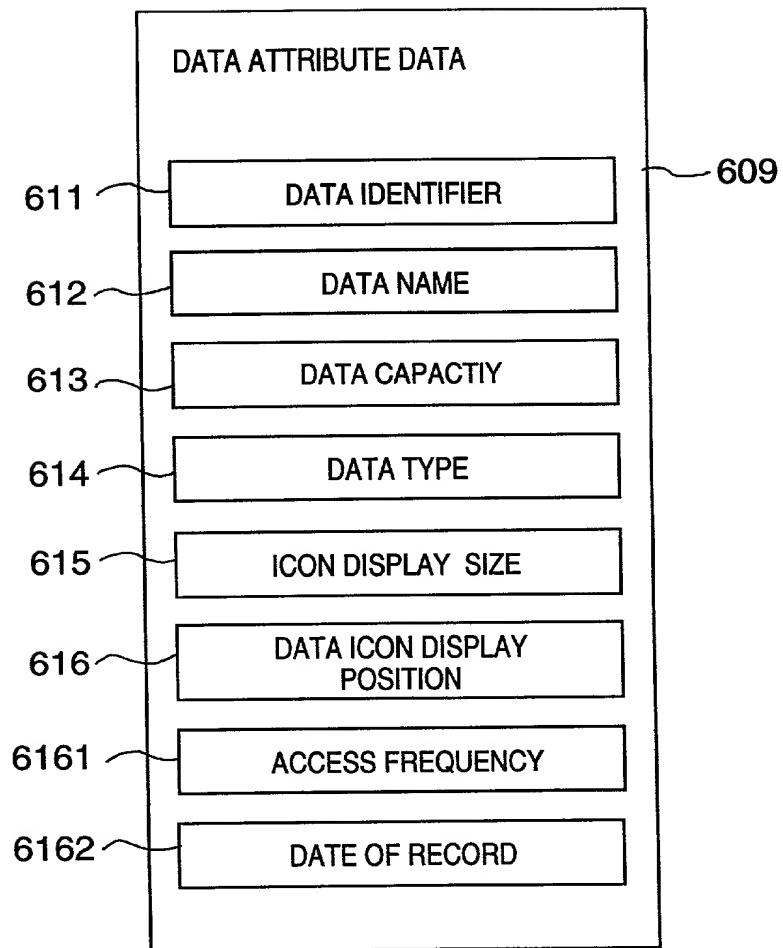


FIG. 87B

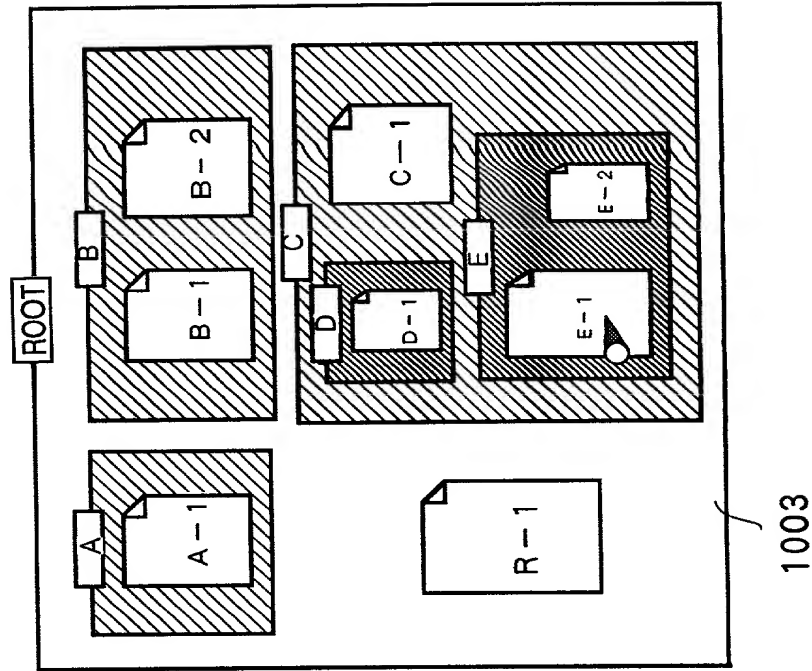


FIG. 87A

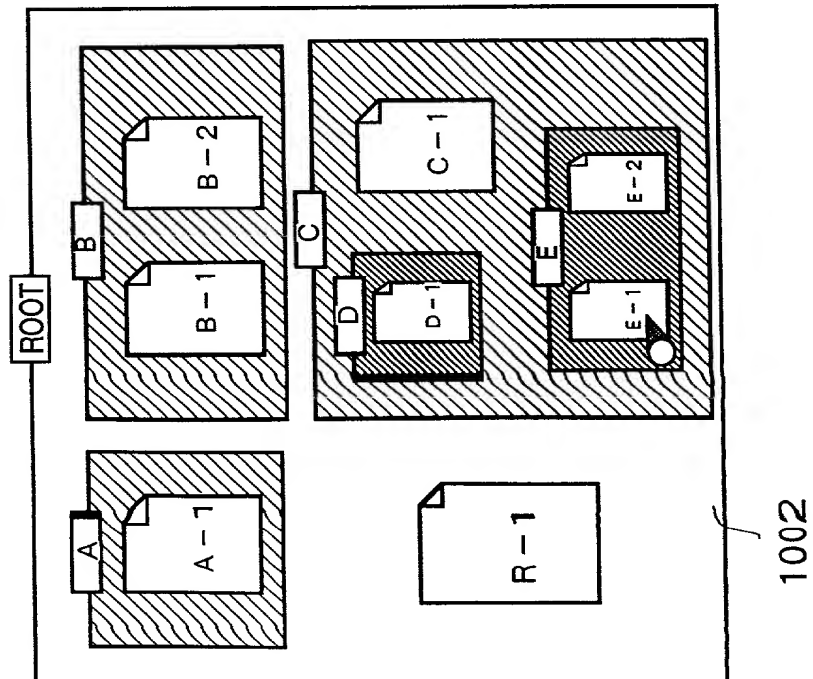


FIG. 88

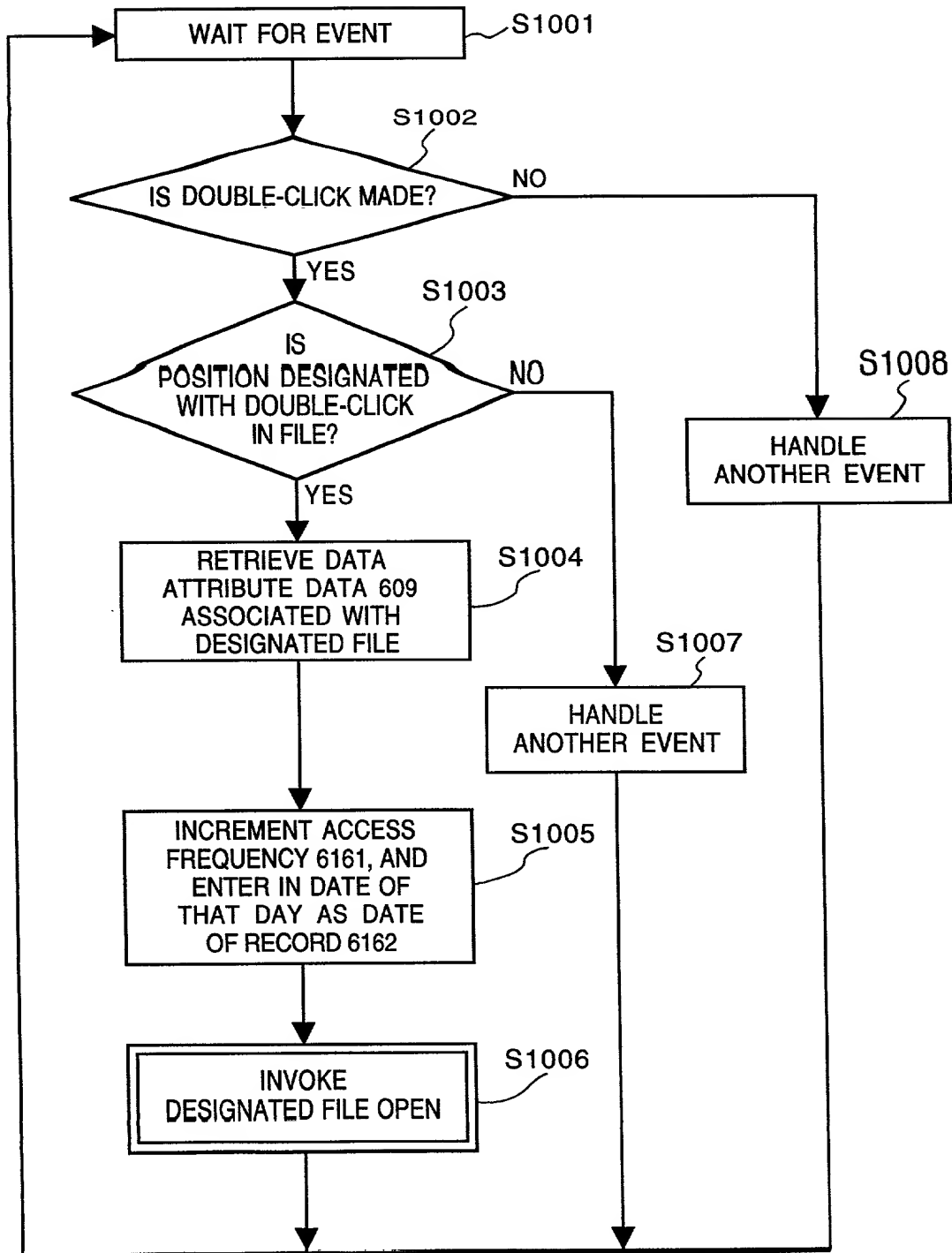


FIG. 89

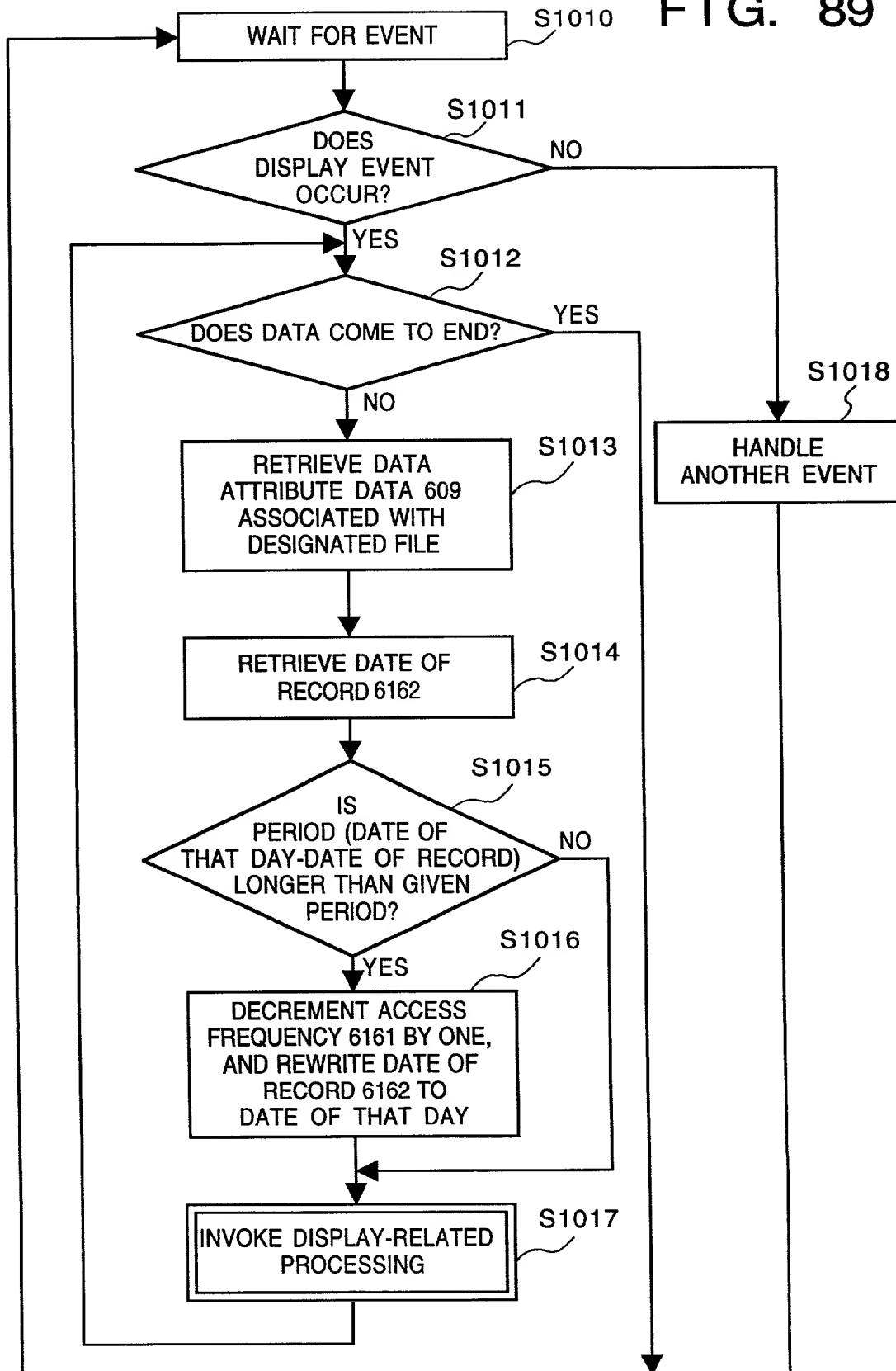


FIG. 90

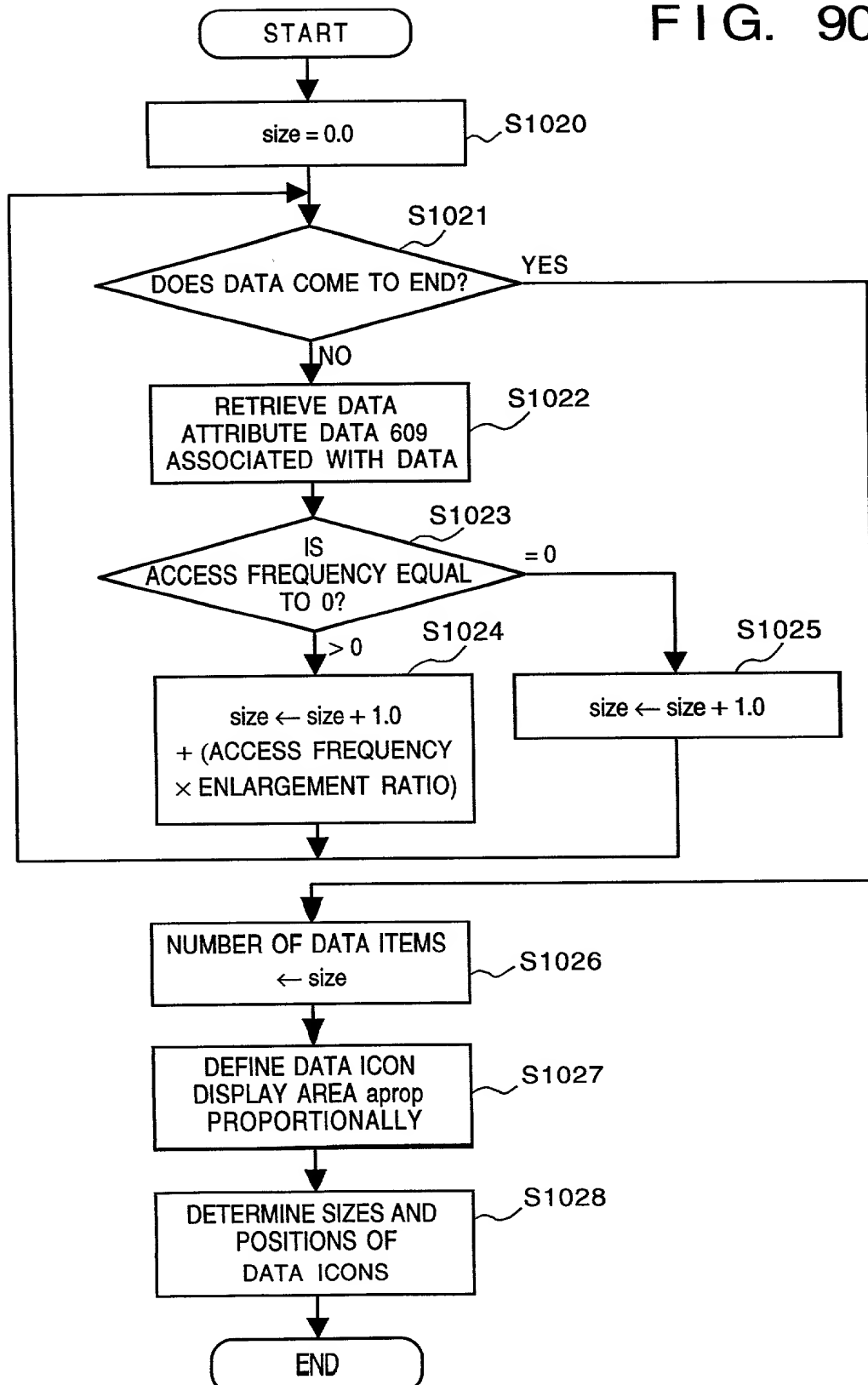




FIG. 91

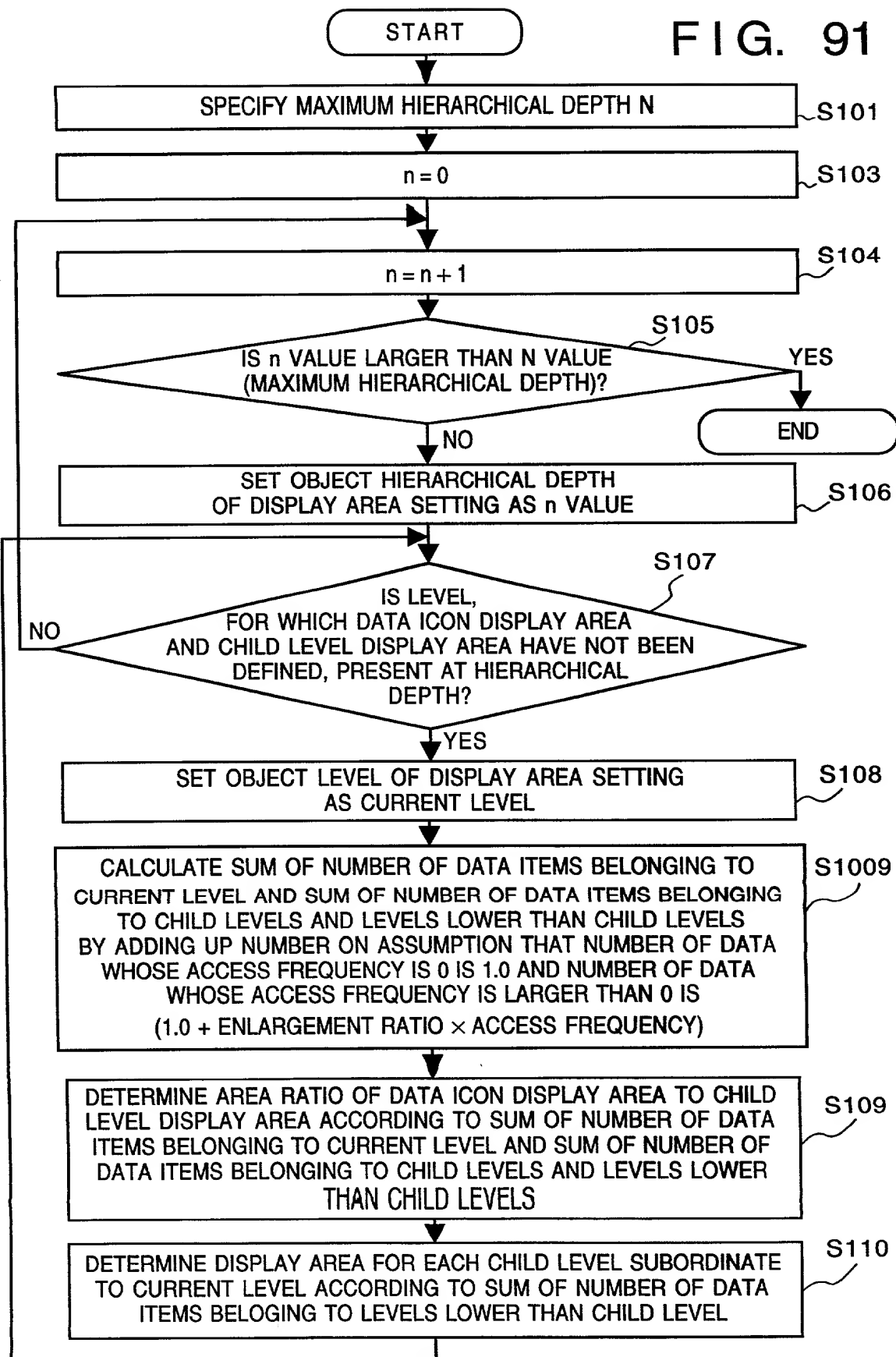


FIG. 92

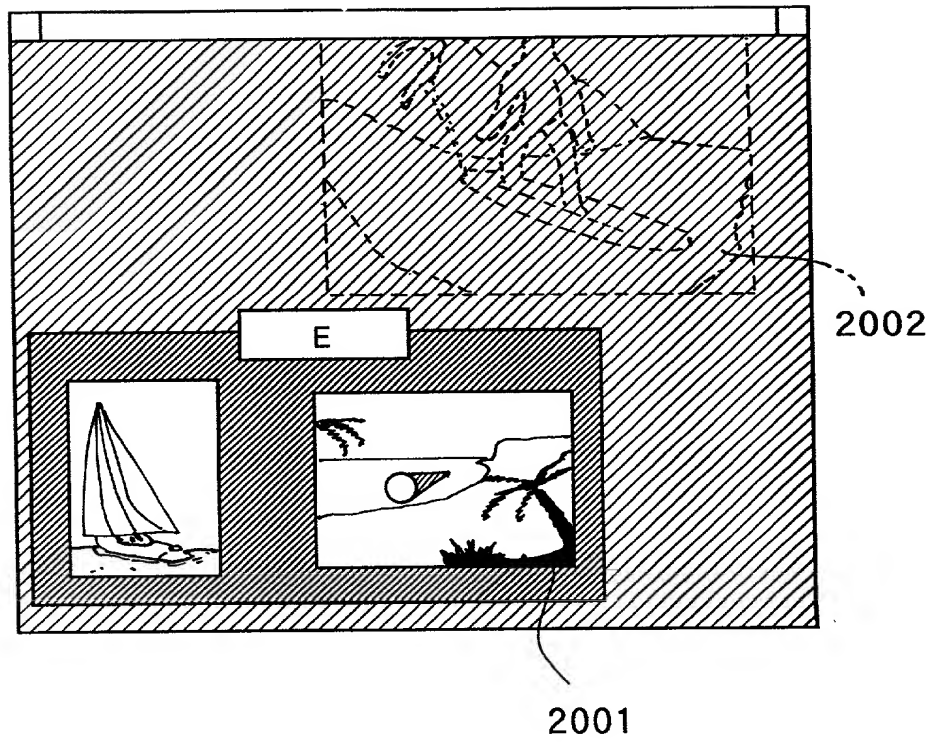


FIG. 93

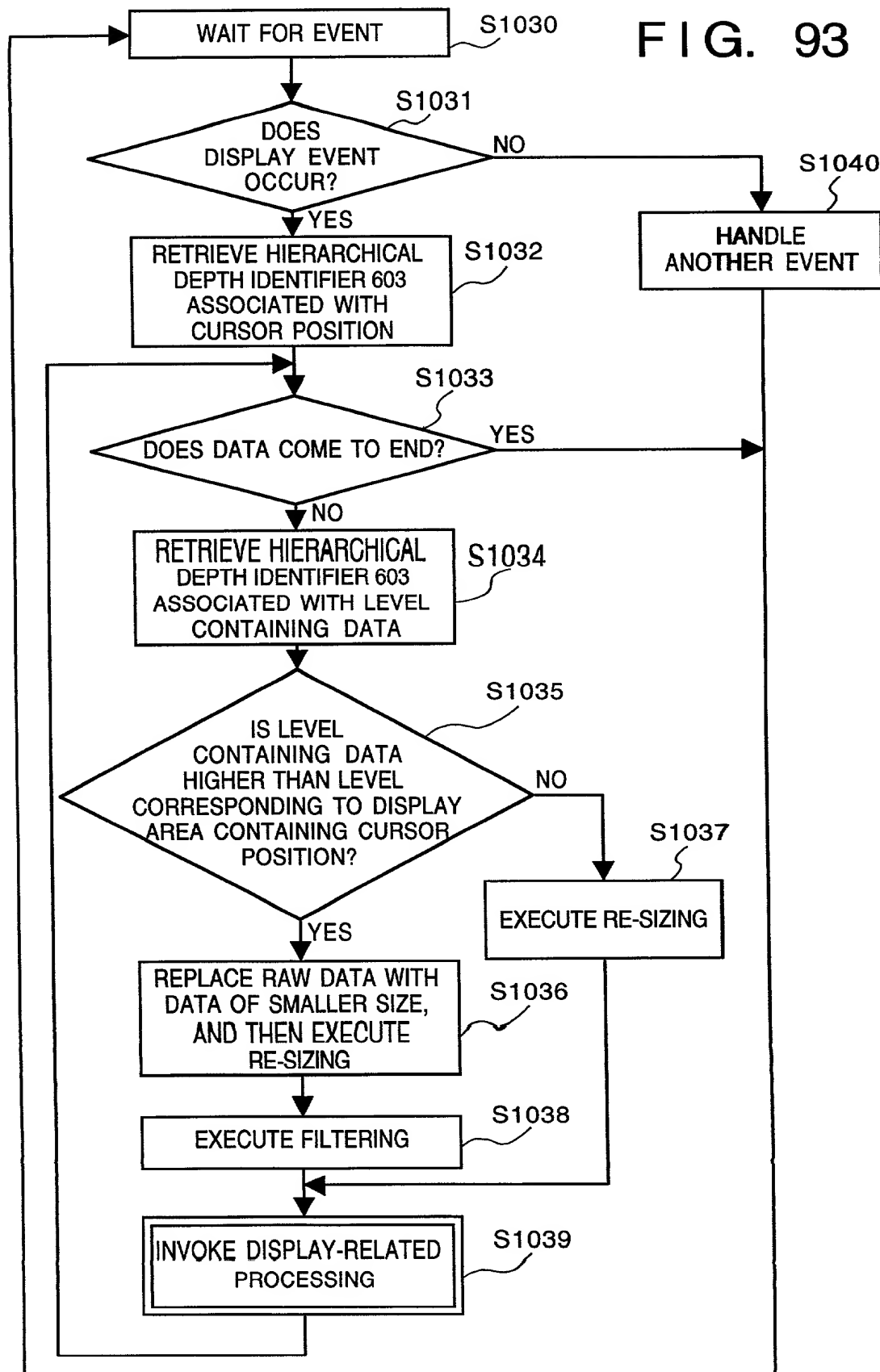


FIG. 94

$1/16$	$1/16$	$1/16$
$1/16$	$1/2$	$1/16$
$1/16$	$1/16$	$1/16$

FIG. 95

$1/9$	$1/9$	$1/9$
$1/9$	$1/9$	$1/9$
$1/9$	$1/9$	$1/9$

FIG. 96

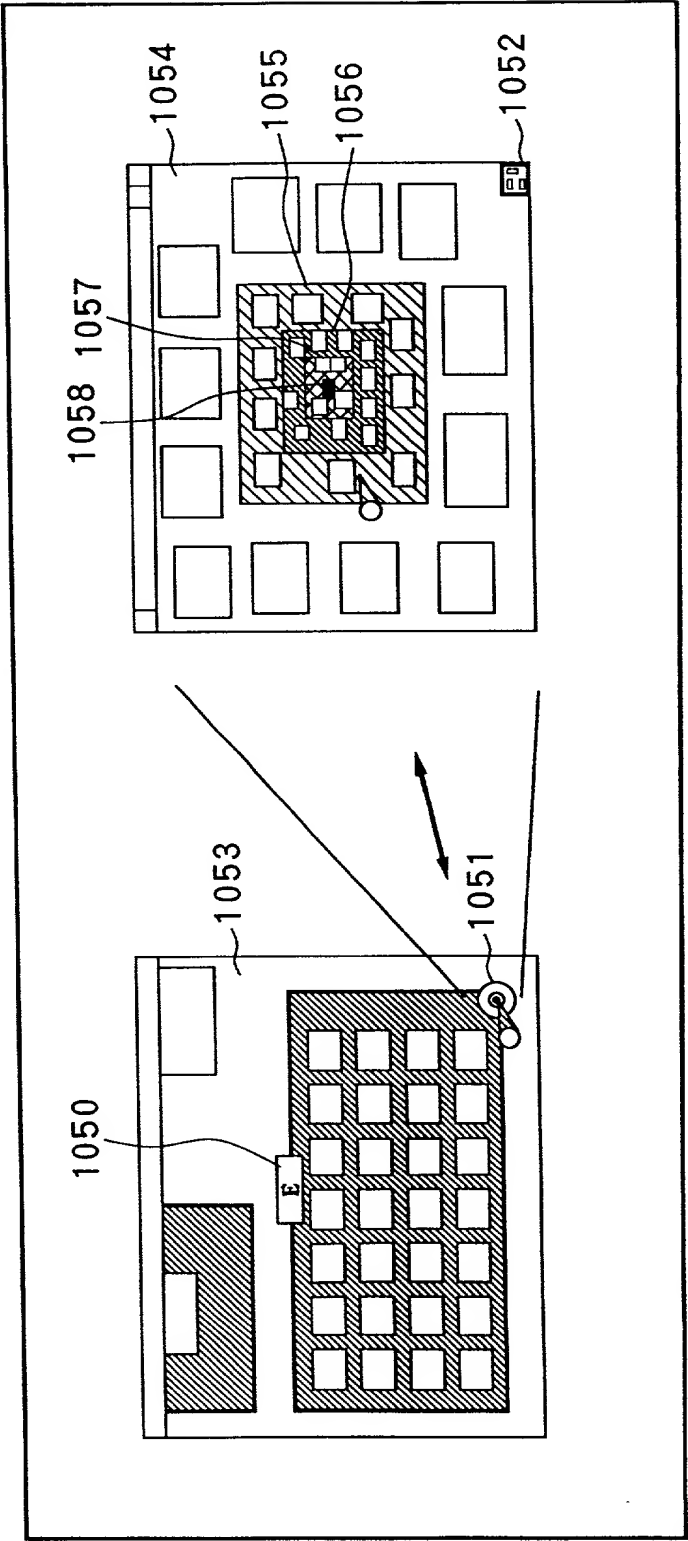


FIG. 97

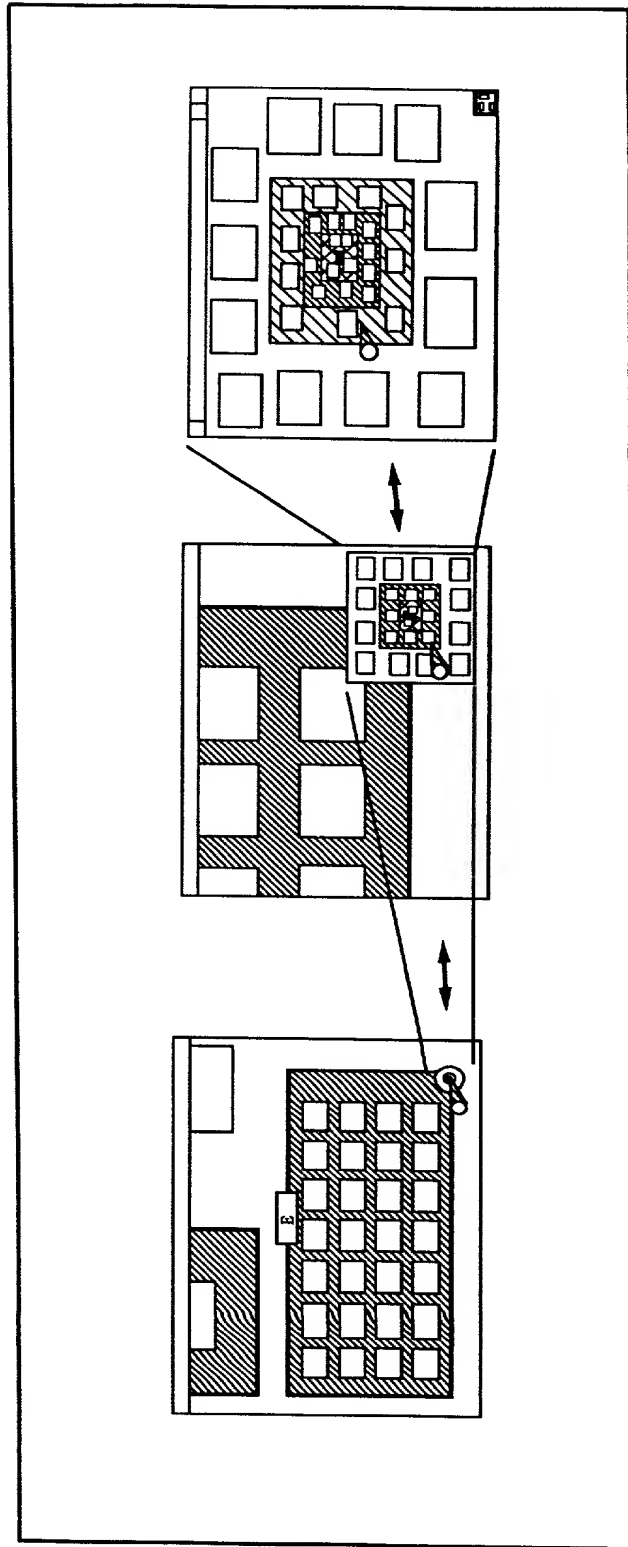


FIG. 98

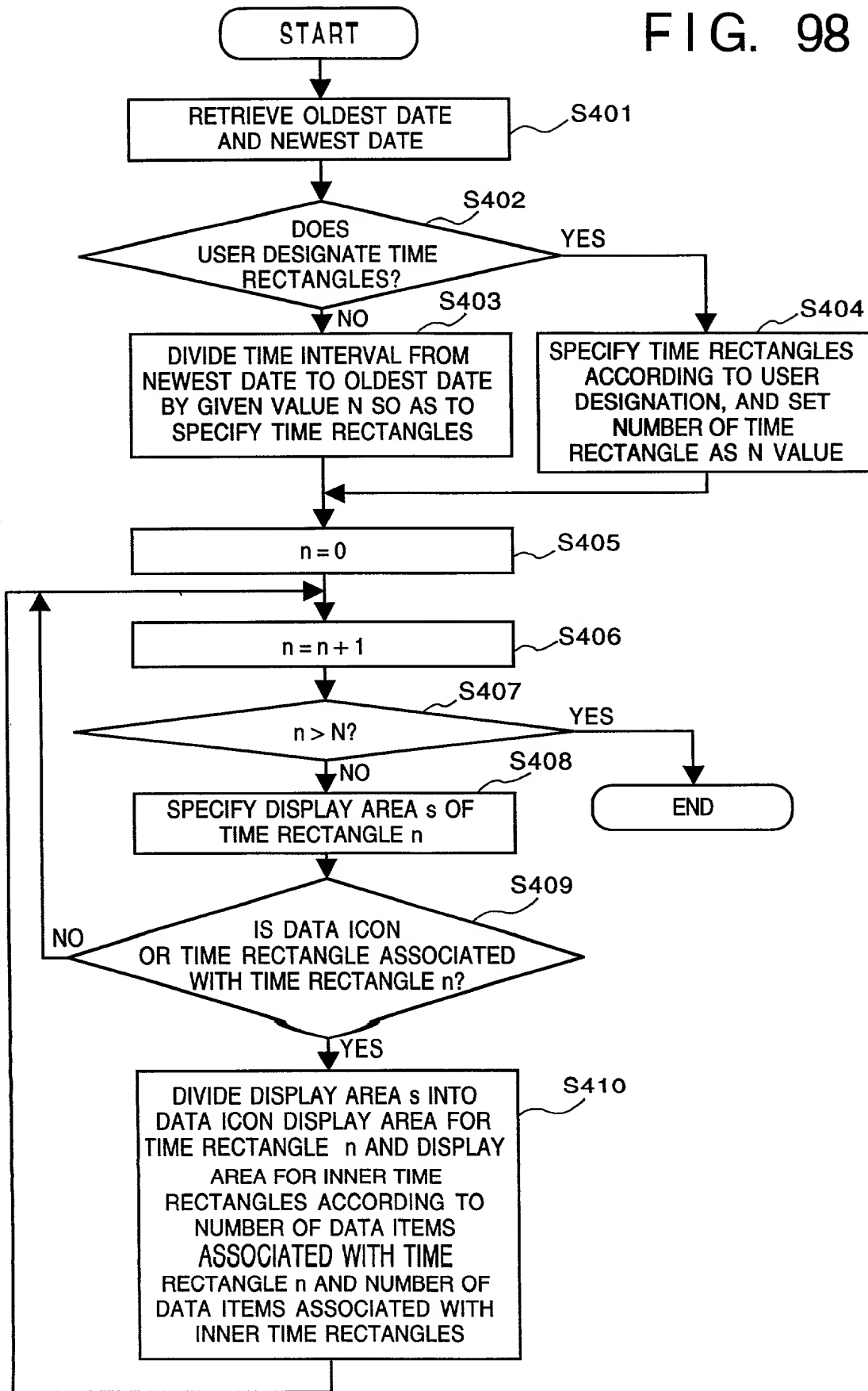


FIG. 99A

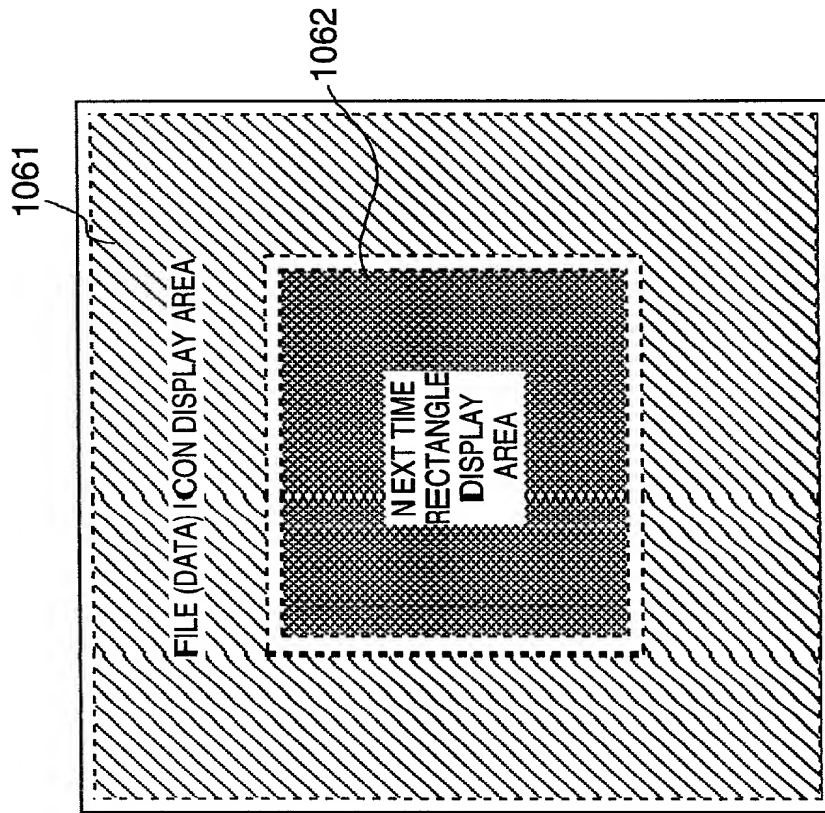


FIG. 99B

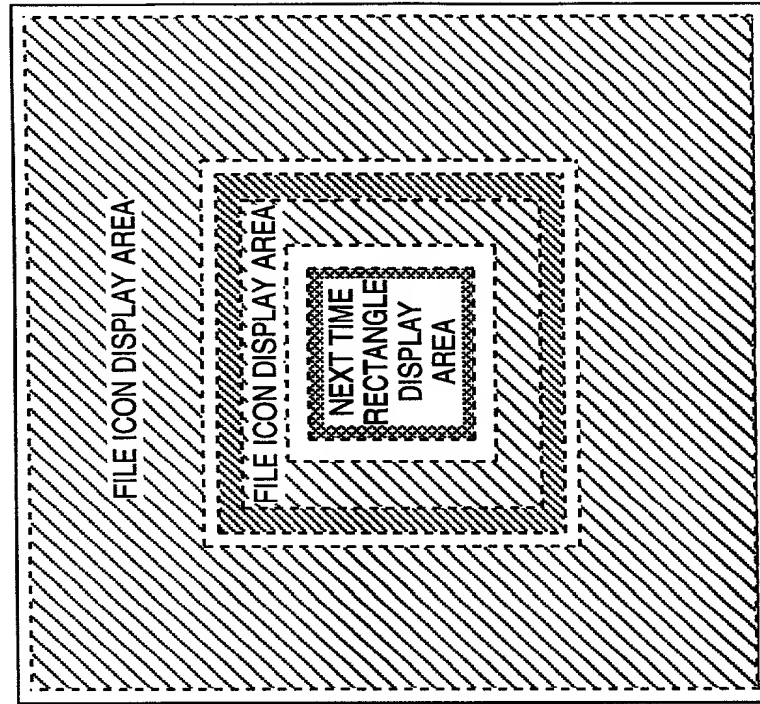




FIG. 100

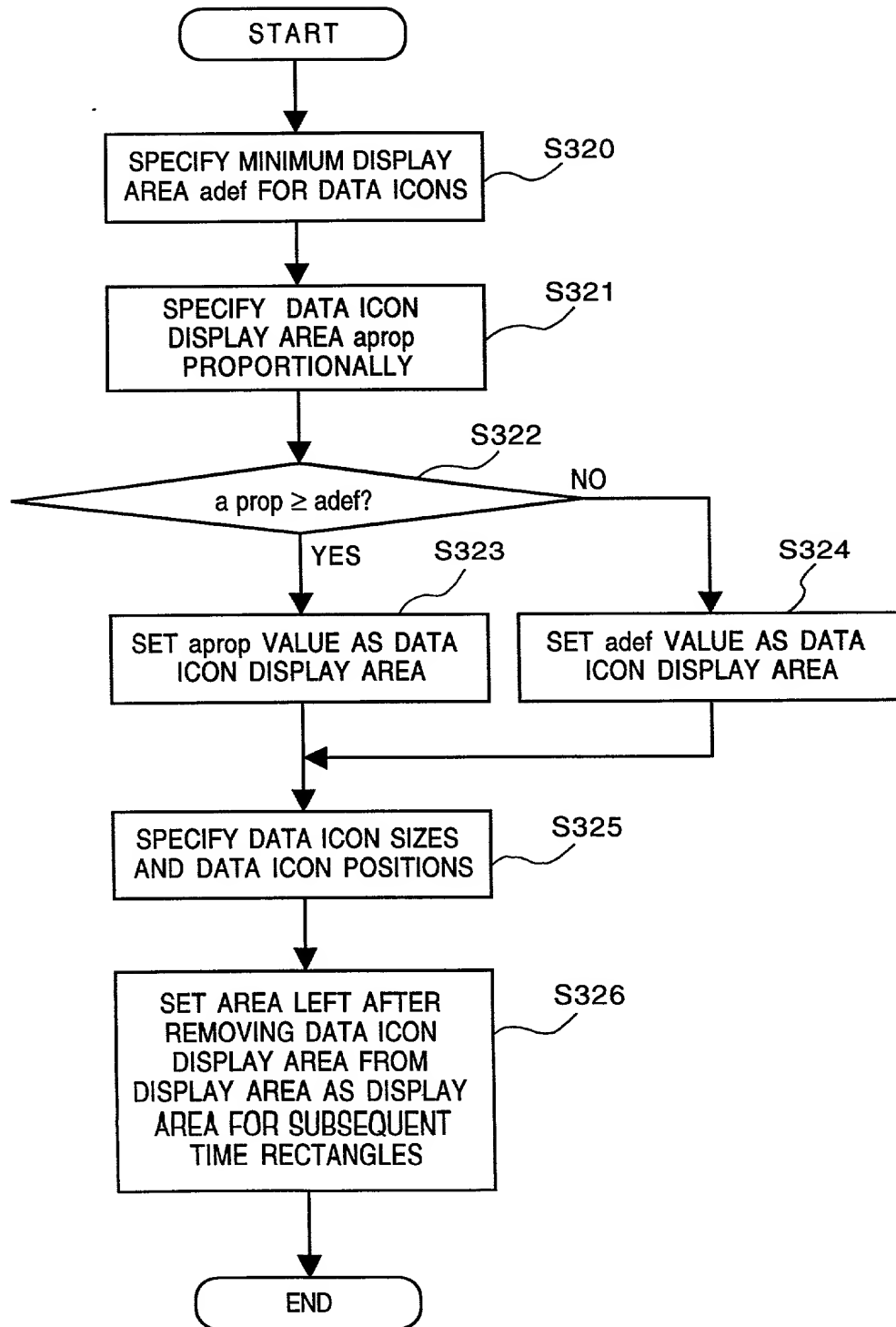


FIG. 101

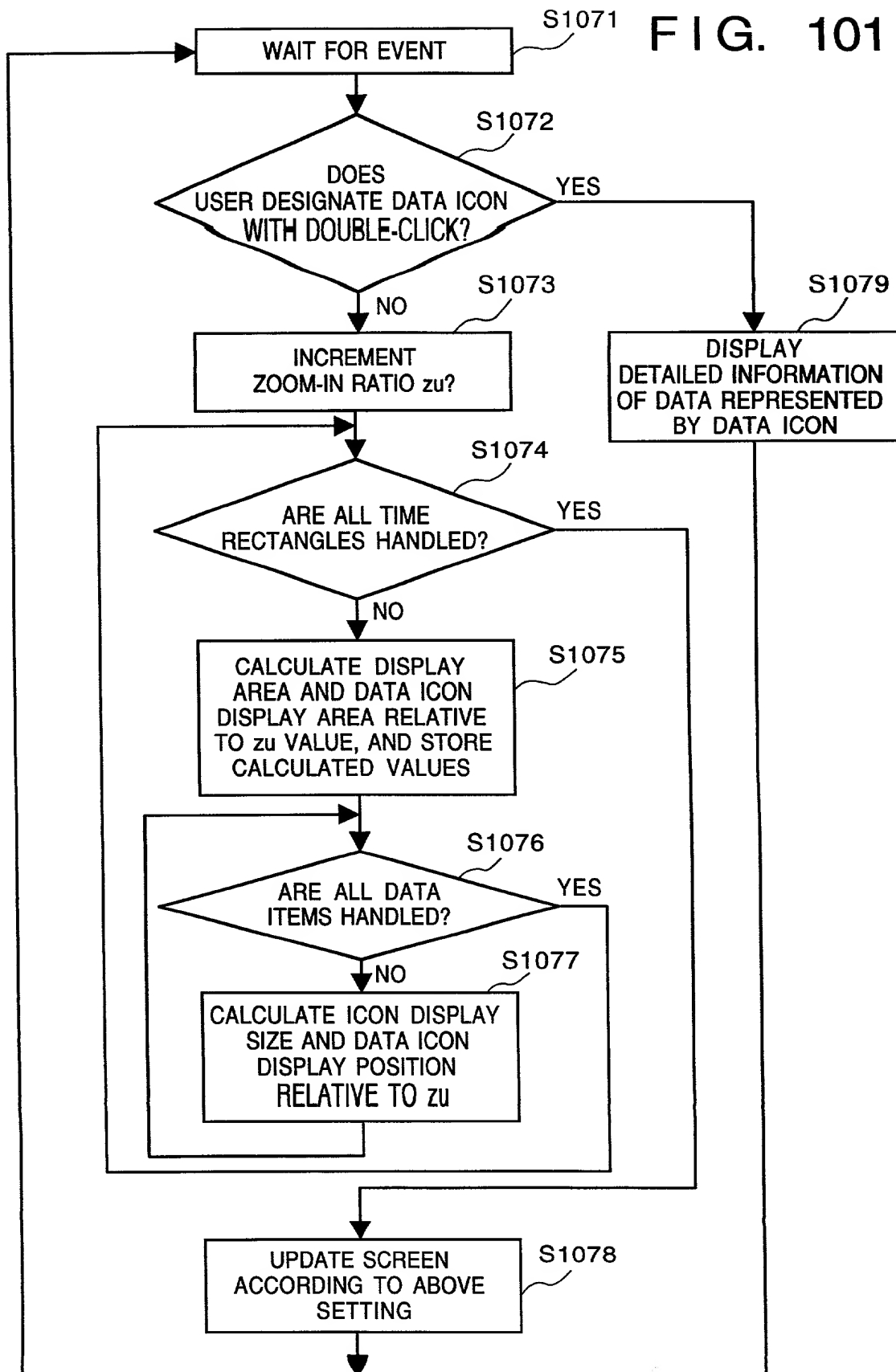


FIG. 102

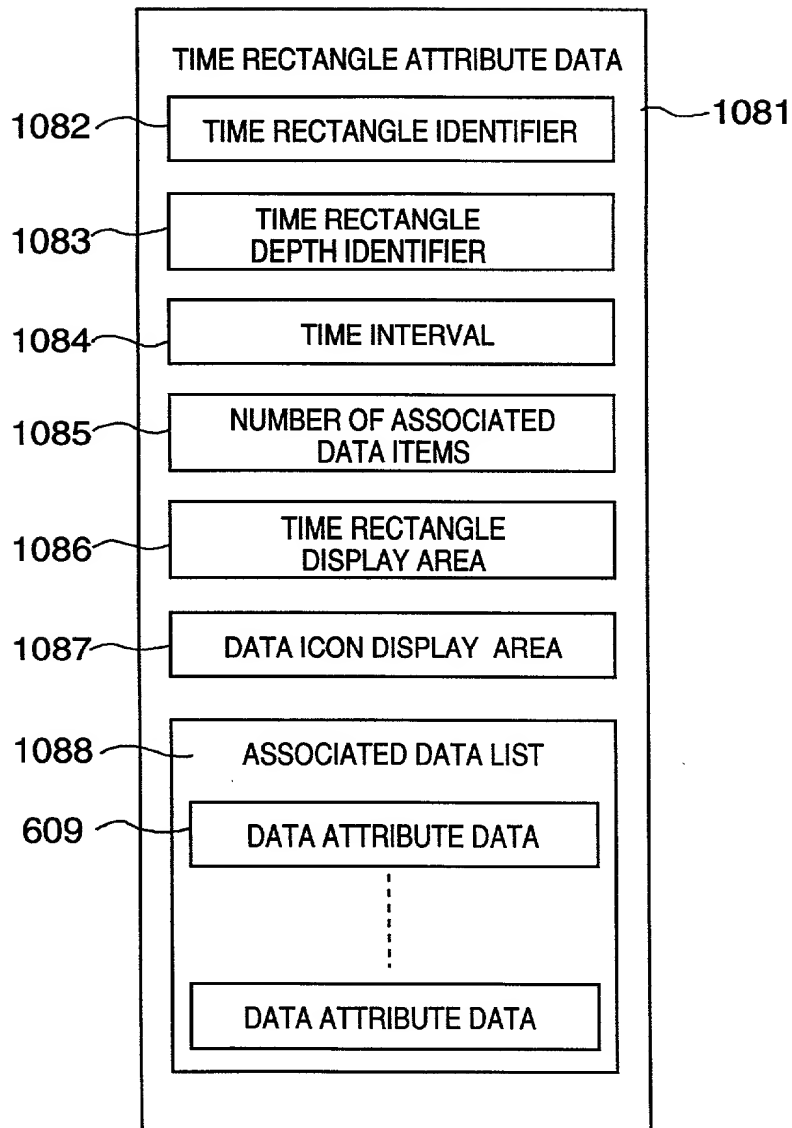


FIG. 103

EXTERNAL STORAGE MEDIUM (e.g. FLOPPY DISK)

## DATE (FILE) AREA

## FILE AREA

HIERARCHICAL LEVEL LIST

FILE LIST

ATTRIBUTE DATA

ACCESS FREQUENCY LIST

VARIOUS TABLES

## DATA BASE AREA

PERSONNEL MANAGING DATA

SCHEDULE DATA

ALBUM DATA

## PROGRAM AREA

## DATA (FILE) MANAGING MODULE

HIERARCHICAL LEVEL MANAGEMENT  
(DATE MANAGEMENT)

FILE (FRAME) MANAGEMENT

ACCUMULATION OR REGISTRATION  
MANAGEMENT

## DISPLAY MANAGING MODULE

HIERARCHICAL DATA DISPLAY  
(DIVIDING DISPLAY AREA)

ZOOM-IN / ZOOM-OUT DISPLAY

CUTOUT DISPLAY  
(CHANGING CUTOUT FROM)

MEMORY MANAGING MODULE

INPUT / OUTPUT MANAGING MODULE

DATA (FILE) RETRIEVING MODULE